19990708.qrp v01_n512.qrl.990708

Date: Thu, 8 Jul 1999 19:05:27 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1512

QRP-L Digest 1512

Topics covered in this issue include:

  1) [44540] Re: Altoids
     by "John J. McDonough" <jjmcd@tm.net>
  2) [44541] Re: Wamt Ten Meter Wire Antenna Suggestions
     by "M.Pender" <steam@megsinet.net>
  3) [44542] FCC Fee
     by "Charles Hamel" <cdhamel@pdq.net>
  4) [44543] Tuner question MFJ-941-C
     by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
  5) [44544] Re: Wamt Ten Meter Wire Antenna Suggestions
     by "John J. McDonough" <jjmcd@tm.net>
  6) [44545] Re: MFJ-259 battery holders....SURPRISE
     by "Nick Kennedy" <nkennedy@cswnet.com>
  7) [44546] 80M QRP Net
     by Paul Stroud <aa4xx@ipass.net>
  8) [44547] Re: Hy-Gain CB Boards at Fair Radio..
     by Stanley Wilson <microres@crl.com>
  9) [44548] Mighty Mite Problem Solved
     by "Randy Jouett" <rules@bellsouth.net>
 10) [44549] Re: Hy-Gain CB Boards at Fair Radio..
     by Richard Arland <r_arland@hotmail.com>
 11) [44550] Lost QRP-L digest
     by W5HNS@aol.com
 12) [44551] Re: The Grey Line
     by "Steve Yates, AA5TB" <aa5tb@swbell.net>
 13) [44552] RE:Tampa Area Ham Club Meeting
     by Gary L Surrency <gsurrency@juno.com>
 14) [44553] Field Day info: New portable gasoline generator available
     by Gary L Surrency <gsurrency@juno.com>
 15) [44554] Very Strange Request
     by Richard Powell <ripowell@mpna.com>
 16) [44555] Re: MFJ-259 battery holders....SURPRISE
     by Gary L Surrency <gsurrency@juno.com>
 17) [44556] re: 10M wire antenna - Try a half square !
     by Jim Hale <kj5tf@yahoo.com>
 18) [44557] Re: FCC Fee
     by "William R. Colbert" <af852@rgfn.epcc.edu>
 19) [44558] Re: Tuner question MFJ-941-C

by "William R. Colbert" <af852@rgfn.epcc.edu>
20) [44559] NE4040 - comments?
by David Hinerman <wd8civ@worldnet.att.net>
21) [44560] Re: Michigan Mighty Mite With Electronic Keyer Problems
by David Hinerman <wd8civ@worldnet.att.net>
22) [44561] Ground Fuse: YES!
by wb2vuo@juno.com
23) [44562] Re: Field Day info: New portable gasoline generator available
by david fouchey <dafouchey@home.com>
24) [44563] Go to Ft. Tuthill !!
by "James R. Duffey" <jamesd1@flash.net>
25) [44564] Re: Tuner question MFJ-941-C
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
26) [44565] Vectronics Regenerative Receiver
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
27) [44566] Re: National Park Expedition Day
by art marshall <w1fji@vistech.net>
28) [44567] 2 meter qrp
by Ron <rong@slip.net>
29) [44568] Utilizing cheap RS radios?
by "Dennis Payton" <dpayton@fwi.com>
30) [44569] F.D. Official Log
by S LYON <sslyon@worldnet.att.net>
31) [44570] Bill B Lazure <n2tpa@juno.com>: Re: Hambrew
by "Robert G. Seymour" <bobsey@juno.com>
32) [44571] AR Certificate for shack - handsome
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
33) [44572] Re: Michigan Mighty Mite With Electronic Keyer Problems
by "Randy Jouett" <rules@bellsouth.net>
34) [44573] Re: The Grey Line
by "John Moriarity" <k6qq@hdo.net>
35) [44574] Re: The Grey Line
by "Chuck Adams K5FO" <adams@ticnet.com>
36) [44575] National Park Exp. Questions
by Scott Robbins - VE7CCY <kc_sr@hotmail.com>
37) [44576] possible WIMU 2000
by Niel Skousen <skousen@srv.net>
38) [44577]
by ka7you@juno.com
39) [44578] Red Hot NC20
by Oscar A Hoyt <k5ubs@juno.com>
40) [44579] Re: Printer A/B Switch as Rig Enclosure
by John Fletcher <johnf@innotts.co.uk>
41) [44580] Re: Remember a QRP Xmtr Using a VN10K Transistor???
by John Fletcher <johnf@innotts.co.uk>
42) [44581] Re: Printer A/B Switch as Rig Enclosure
by "Randy Jouett" <rules@bellsouth.net>
43) [44582] PIC of Bencher Paddle

    by Tom Palmer <n1tp@worldnet.att.net>
44) [44583] 20 WPM Test Tips (Long)
    by "Crandall, Chuck/ATL" <CCrandal@CH2M.com>
45) [44584] RE: FCC Fee
    by "Irwin, Wayne, W1KI" <wirwin@arrl.org>
46) [44585] Re: balanced feedline/unbalanced TX
    by Zack Lau <zlau@arrl.org>
47) [44586] Dist & Bearings
    by hapence@erols.com
48) [44587] Re: The Grey Line
    by "Steve Yates, AA5TB" <aa5tb@swbell.net>
49) [44588] RE: FCC Fee
    by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
50) [44589] Re: PIC of Bencher Paddle
    by "Chuck Adams K5FO" <adams@ticnet.com>
51) [44590] need QRP tuner
    by Kyle Lusk <klusk@bhmvending.com>
52) [44591] cell phones
    by Bruce Rattray <rattray@gpfn.sk.ca>
53) [44592] Re: cell phones
    by Tim Ahrens <tahrens@hilconet.com>
54) [44593] AR ARP 40m net results
    by Robsparks@aol.com
55) [44594] Re: cell phones
    by Chris Cartwright Sr <ccart@phideaux.com>
56) [44595] Re: cell phones
    by Tom M <tjmc@erols.com>
57) [44596] Re: New 250 MW Rig On The Air
    by "Ted Williams" <tedw@btinternet.com>
58) [44597] Re: Ft Tuthill QRP Symposium
    by "Ed Hare, W1RFI" <w1rfi@arrl.net>
59) [44598] Re: National Park Expedition Day
    by Jeff <fantbb@yahoo.com>
60) [44599] RE: cell phones
    by "Richard Hensel" <rrhensel@sprintmail.com>
61) [44600] QRP-L CD v2.0 Ready to ship!
    by "Paul R. Valko" <prvalko@oakland.edu>
62) [44601] Re: Remember a QRP Xmtr Using a VN10K Transistor???
    by Jeff <fantbb@yahoo.com>
63) [44602] Re: need QRP tuner
    by "Randy Jouett" <rules@bellsouth.net>
64) [44603] Metal-cased 2N2222A's ???
    by James P Rybak <jrybak@mesastate.edu>
65) [44604] Re: Ft Tuthill QRP Symposium
    by "Ed Hare, W1RFI" <w1rfi@arrl.net>
66) [44605] Re: Metal-cased 2N2222A's ???
    by Chris Trask <ctrask@primenet.com>
67) [44606] Portable Mast

by Brad Mugleston <bmug@gwl.com>
68) [44607] Re: Remember a QRP Xmtr Using a VN10K Transistor???
by "S. M. Whitehouse" <ke4yh@gte.net>
69) [44608] Re: New 250 MW Rig On The Air
by "Randy Jouett" <rules@bellsouth.net>
70) [44609] Re: National Park Expedition Day
by "Randy Jouett" <rules@bellsouth.net>
71) [44610] QRP xcvr bal output
by dave_epps@juno.com
72) [44611] question on hotmail..not qrp but help!
by Scott Howell <whowell@hq.nasa.gov>
73) [44612] Re: PIC of Bencher Paddle
by Jay Bromley <w5jay@alltel.net>
74) [44613] Re: FCC Fee
by Bob Nielsen <nielsen@primenet.com>
75) [44614] Re: Portable Mast
by Brian Murrey <brian@iquest.net>
76) [44615] Re: National Park Expedition Day
by "Richard Brummer" <obvious@bestweb.net>
77) [44616] Speaking of Ft Tuthill...
by Brian Short <bshort@speedchoice.com>
78) [44617] RealPort CardBus-Ethernet/Modem
by Jeff Gold <JGold@tntech.edu>
79) [44618] RE: Portable Mast
by Brad Mugleston <bmug@gwl.com>
80) [44619] Virtual Ham Radio
by "Randy Jouett" <rules@bellsouth.net>
81) [44620] QRP ARCI contest rules question
by Nils R Young <nilsbull@juno.com>
82) [44621] Question
by E L D <wd7y@pyramid.net>
83) [44622] Thanks for error correction
by ka7you@juno.com
84) [44623] Re: QRP ARCI contest rules question
by Rod Cerkoney <rwc@frii.com>
85) [44624] Re: Utilizing cheap RS radios?
by Tom Popovic <ki3r@yahoo.com>
86) [44625] W/R Antenna 2-wire beam tilt resolved
by hamjoel@juno.com
87) [44626] Utilizing cheap RS radios?
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
88) [44627] SPC
by Pete Burbank <plburbank@kih.net>
89) [44628] WestFLA Meeting This Saturday - More Details
by "Stephen D. Cohen" <scohen@xps.xybion.com>
90) [44629] Re: Utilizing cheap RS radios?
by Pete Burbank <plburbank@kih.net>
91) [44630] Virtual Ham Radio

    by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
 92) [44631] Info needed on Dressler ara900 Active Antenna
    by "Ed Tanton" <n4xy@att.net>
 93) [44632] NOT QRP
    by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>

Date: Wed, 7 Jul 1999 19:13:19 -0400
From: "John J. McDonough" <jjmcd@tm.net>
To: <earlj@tir.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44540] Re: Altoids
Message-ID: <000e01bec8ce$4f18dc00$010044c0@conor-mac-nessa>
MIME-Version: 1.0
Content-Type: text/plain;
    charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Earl,

I believe the Sucrets chassis are made stateside, whereas the Altoids chassis are made in merrie olde England. So of course one would expect a radio housed in the Altoids chassis to be better at communicating across the pond, while the Sucrets radio would likely feel more at home talking to this side of the Atlantic.

I suspect one would need to do some modeling to understand the UHF characteristics of these cases. I don't understand striplines well enough to judge the relative effect of yankee versus limey tin on one of them rascals.

72/73 de WB8RCR   http://www.qsl.net/wb8rcr/
didileydadidah   QRP-L #1446 Code Warriors #35

-----Original Message-----
From: earlj@tir.com <earlj@tir.com>
To: jjmcd@tm.net <jjmcd@tm.net>
Date: Wednesday, July 07, 1999 1:34 PM
Subject: Altoids

>Hello John,
>
>I just purchased an Altoids "chassis". Then my wife pointed out that she
>already had a collection of Sucrets boxes. What are the relative merits of
>the Altoids box vs Sucrets? Which is better at UHF?

>
>de N8ERO
>

Date: Wed, 07 Jul 1999 18:33:48 -0500
From: "M.Pender" <steam@megsinet.net>
To: bill.and.karen@worldnet.att.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44541] Re: Wamt Ten Meter Wire Antenna Suggestions
Message-ID: <002401bec8d1$2c576e40$2accd6d8@megsinet.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

No, not beneficial.

This is tantamount to taking a pill to counter a symptom when
you should be attacking the problem, not the symptom.

Get the good coax, get the good antenna, THEN and ONLY then,
get the preamp, if you even need it then. (I bet you won't.)

_/_/_/

>

Date: Wed, 7 Jul 1999 18:35:36 -0500
From: "Charles Hamel" <cdhamel@pdq.net>
To: "QRP List" <qrp-l@Lehigh.EDU>
Subject: [44542] FCC Fee
Message-ID: <005101bec8d1$6e039080$1e1890d1@cdhamel>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="windows-1250"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Sorry all not QRP related

I have printed out the FCC Form 610 to change my address. Does anybody know
if there is a fee for this, it doesn't say on the form??

apply to me personally please and sorry for the bandwidth!

Charles
KC5DXQ - Norcal Zombie - HQRP- QRP-L #1919
http://www.angelfire.com/de/kc5dxq/index.html

Date: Wed, 07 Jul 1999 19:42:27 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "njqrp@njqrp.org" <njqrp@njqrp.org>, "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [44543] Tuner question MFJ-941-C
Message-ID: <3783E5E3.1D096F07@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have an MFJ-941C that has become seperated from its instruction
manual. I know how to do most everything with it except for one small
thing. On the back of the tuner there is a jumper wire running between
one leg of the Balanced Wire connection and the Single "Random" Wire
connection. I guess my question, since I'm planning on running a random
wire is if this Jumper should be in place or removed??? ANybody familiar
with this???

--
++

  T.J. "SKIP" AREY N2EI   e-mail tjarey@home.com

     Website   http://members.home.net/tjarey

     Snail Mail: PO Box 236, Beverly, NJ 08010

   Specialization is for insects!   LAZARUS LONG

Date: Wed, 7 Jul 1999 19:48:48 -0400
From: "John J. McDonough" <jjmcd@tm.net>
To: <bill.and.karen@worldnet.att.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44544] Re: Wamt Ten Meter Wire Antenna Suggestions
Message-ID: <003101bec8d3$4ef53520$010044c0@conor-mac-nessa>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: William Black <bill.and.karen@worldnet.att.net>

>If I may take this topic one step further away from its intended subject
>line: Supposing someone did use a 90' RG-58 coax run to feed an antenna,
>then is such a case a good example of how pre-amplifiers become beneficial?
>That is, assuming someone did not want to replace the coax for a lower
dB/ft
>loss value.

Probably not on 10m. Loss is higher than at the lower frequencies, but RG8
is pretty cheap, and for any reasonable run, it's better to get decent coax.

The world changes at VHF and above, tho. Decent hardline can be several
dollars a foot, and height is everything, so you tend to have long runs.
Even at 2 meters, a couple hundred feet of RG8 and you have no signal.
Compare a hundred bucks for a preamp to $500 in hardline, and the difficulty
in installing it, and then the preamp becomes a good deal.

72/73 de WB8RCR   http://www.qsl.net/wb8rcr/
didileydadidah   QRP-L #1446 Code Warriors #35

Date: Wed, 7 Jul 1999 18:47:38 -0500
From: "Nick Kennedy" <nkennedy@cswnet.com>
To: "QRP List" <QRP-L@Lehigh.EDU>
Subject: [44545] Re: MFJ-259 battery holders....SURPRISE
Message-ID: <01f301bec8d3$1957ed40$8f7154d8@big>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

My own exciting MFJ-259B battery holder story:

Mine didn't break, but it was bad right out of the box. One of the rivets wasn't making contact with the jumper to the next cell. I soldered it and all was fine.

MFJ doesn't use the most expensive components. OTOH, their stuff is reasonably priced and has good features. I find their price to quality ratio to be pretty good.

72,

Nick, WA5BDU

Date: Wed, 07 Jul 1999 19:41:27 -0400
From: Paul Stroud <aa4xx@ipass.net>
To: klqrp <klqrp@waterw.com>
Cc: QRP-L <QRP-L@lehigh.edu>
Subject: [44546] 80M QRP Net
Message-ID: <3783E5A7.6C6A385C@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang,

The KnightLites invite you to join us each Sunday night, beginning

9:30PM EDT on 3686.4 KHz for the weekly KL Net. Four net control stations (AE4IC, WJ4P, K4PYM, and AA4XX) rotate NCS duty throughout the month, each using the KL club call, WQ4RP.

This past Sunday the following folks checked in:

AC4QX Lauren Lake Gaston, NC 449

Lauren was running a brand new TIXIE at 400mW into a dipole. We were pleased to be the first contact with his new flamethrower.

WF4I Derek Greensboro, NC 579 5W "Super Sierra"

Derek reported that he had spent several days at the coast over the July 4th weekend. His antenna is a LW.

W4AMV Alan Raleigh, NC 599 5W

Alan has visited us several times at the local QRPizzah gatherings. You may remember him as ex- WA4MGX. It's great to hear Alan check into KLN for the first time.

KD4ZRD Bill Martinsville, VA 439 2W HW-8

Bill sent word that he was happy to be checking back into the net and sent his regards to fellow Knights. That HW-8 was doing a good job, Bill!

KF2PH Nick Patchogue, LI, NY 439

Nick reported really muggy wx condx up on LI and said he was glad to be hearing the net after having been away fer a while.

WB0CLD Bill St. Charles, MO 339 5W Dipole

Bill was our "DX" catch of the evening. He reported pretty heavy QRN on his end, but fair copy. T'was good to hear you again, Bill.

N3GO Gary Raleigh, NC 599 Dipole

Gary reported that our QRPizzah gatherings will be moving to RTP starting this month. Stay tuned for details, as Gary will have "a heavy stash of doorprizes" in tow!

AA4XX Paul Raleigh, NC (NCS) 5W Dipole

It was a bit of a surprise to hear such a good turnout during a holiday session. We all wished each other a Happy July 4th weekend and

bid each other adieu till next Sunday.

Till then, 72 -Paul AA4XX

Date: Wed, 7 Jul 1999 16:51:05 -0700 (PDT)
From: Stanley Wilson <microres@crl.com>
To: "Phinizy, William" <wphinizy@filenet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44547] Re: Hy-Gain CB Boards at Fair Radio..
Message-ID: <Pine.SUN.3.91.990707164950.26211A-100000@crl.crl.com>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

One should also check to see if they have the little 455 khz IF filter.
I have used those in some small portable receivers.

Date: Wed, 7 Jul 1999 18:53:29 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44548] Mighty Mite Problem Solved
Message-ID: <008801bec8d3$f2a35e40$16e498cd@spock>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well, it wasn't the keyer, folks! It was the $#$*)@#$
B&W antenna switch building up a high resistance
because of grunge :^). Anywho, I'm going to take
Larry's advice and add the 2N7000 for gud measure.

Thanks for the help, guys!!!

72/73,

Randy Jouett, AB5NI

P.S.

I'm going to be calling CQ @ 0100 UCT (10 mins). If anyone needs Louisiana,
I'll be on 7.040 +/- a KC or 2.

Date: Thu, 08 Jul 1999 00:22:06 GMT
From: Richard Arland <r_arland@hotmail.com>
To: wphinizy@filenet.com, qrp-l@Lehigh.EDU
Subject: [44549] Re: Hy-Gain CB Boards at Fair Radio..
Message-ID: <19990708002207.18120.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: "Phinizy, William" <wphinizy@filenet.com>
>Reply-To: wphinizy@filenet.com
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: Hy-Gain CB Boards at Fair Radio..
>Date: Wed, 7 Jul 1999 15:24:22 -0700
>
>Someone else posted a note on this list regarding an antenna deal at Fair
>Radio which prompts me to add that I noticed they have the infamous HyGain
>CB boards available for $6.50 + S&H. It might be worth finding out if they
>have their finals in them and are-complete-except-for-the-case, etc. They
>would make (and have made) jim-dandy 10 meter CW conversions.

I recently spoke to one of the folks at Fair Radio Sales about these boards. He said that they have two different types and to SPECIFY the board that was used in the 73 mag conversion (they have a board number that begins PMBOX, or something like that), otherwise you will get a non convertable board.

As long as the Cybernet board has a 3 xtal PLL-02A synthesizer scheme they are pretty easy to convert over for 10 AM, FM (done about 12 of these myself), and CW (bit more detailed cuz you gotta build up a BFO).

Essentially the conversion amounts to replacing the 11.8066 MHZ loop oscillator xtal with one in the 12 MHZ range (depending upon where you want to put chnl 1). For AM conversions, 12.485 sets chnl 1 on 29.0 MHZ. For FM conversions, 12.751 sets chnl 30 on 29.6 (chnls 30-40 are sequential 10 KHZ chnl spacing, unlike chnls 1-30, which have built in 20 KHZ "skips: every 4 chnls). For -100 KHZ TX offset to work 10 meter FM repeater splits, a 10.765 MHZ xtal is switched in place of the 10.695 MHZ TX Oscillator xtal.

These boards make a fun conversion project, teach about synthesizers
and will yield hours of fun when 10 meters is open.

73 Rich K7SZ

_____
Get Free Email and Do More On The Web. Visit http://www.msn.com

---

Date: Wed, 7 Jul 1999 20:29:14 EDT
From: W5HNS@aol.com
To: qrp-l@lehigh.edu
Subject: [44550] Lost QRP-L digest
Message-ID: <cfd889e2.24b54ada@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

About two weeks ago my QRP-L digest quit coming in. AOL indicated a download
problem. Now what? Any suggestions??

Henry W5HNS
Pasadena, Texas

Date: Wed, 7 Jul 1999 19:44:43 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44551] Re: The Grey Line
Message-ID: <00ae01bec8db$12d514e0$bf37a497@aa5tb>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Dave,

I am certainly no expert in this gray area but maybe I can shed some light
on the subject :-)

The gray line width does change width with latitude in that it becomes wider
as you move towards the poles. The effective gray line width also becomes

wider as you increase in frequency. There are a lot of variables. A simple degree measurement either side of the terminator probably is a vast over simplification.

Just remember that the gray line exist because the lower ionosphere layers, such as the D layer, recombine very quickly when the sun stops shining on it, causing the absorption levels to decrease rapidly (which is about all the D layer is good for on HF). Meanwhile, the higher layers of the ionosphere, such as the F layers, stay in the sunlight longer and recombine much slower after sunset and still provide long distance propagation. This creates a window of exceptionally good propagation. Due to the fact that the D layer absorbs the lower frequencies the most, the gray line window (width) is narrower on these bands.

A gray line path maybe only a few minutes either side of the terminator on 160m while a few hours either side on 20m. Other variables, such as solar activity, aurora, etc. have an effect as well.

I know this complicates your computer program plans but maybe someone else can provide more exact numbers for you. Good luck.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
http://home.swbell.net/aa5tb

Date: Wed, 7 Jul 1999 16:34:37 -0700
From: Gary L Surrency <gsurrency@juno.com>
To: qrp-l@lehigh.edu
Subject: [44552] RE:Tampa Area Ham Club Meeting
Message-ID: <19990707.174708.-84155.0.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>From a former FLA ham: (me) ;-)

Guys,

Please be sure to feast on some of those most-excellent Cuban sandwiches from Ybor City while you're there in Tampa for the meeting. I prefer the ones from the Silver Ring Restaurant myself. But any of them will do as long as they have that famous bread with the palmetto leaf strip down the

top! :-)

Man, my mouth is watering just thinking about 'em!

Good luck with your newly formed club and wish I could be there.

72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

_____
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Date: Wed, 7 Jul 1999 17:47:08 -0700
From: Gary L Surrency <gsurrency@juno.com>
To: qrp-l@lehigh.edu
Subject: [44553] Field Day info: New portable gasoline generator available
Message-ID: <19990707.174708.-84155.1.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

(hit DELETE if not interested in portable AC generator stuff - only
slight QRP content)

Gang,

Ok, so a lot of people are in a tizzy about the Y2K thing later this year. But I just needed a generator that would run my camp AC and microwave for the xyl. Besides, it *is* prudent to be prepared for sudden power outages so you can at least save the contents of your refrigerator and/or freezer, or power that ham rig for emergency use.

Well, there seems to be somewhat of a shortage of gas generators in some areas of the country, and I was told by at least two Honda salesmen that last year's disasters depleted a lot of the generator stock that still hasn't been replaced. So certain areas of the country may still be experiencing some generator shortages.

Also I was told that a lot of people are buying larger generators of 5500 watts or higher, and there has been an increase in the number of people

who want to buy LP-fueled generators. Sounds like some folks may be predicting a long-term electrical outage, but I sure wouldn't speculate such a thing myself. We only have occasional commercial power outages here in central AZ, and that's mostly from the monsoon storms or the infrequent high-KV transmission line problem that we had a few years ago on the West coast.

I mention this info, since some of you *do* use gas generators for Field Day, and/or for recreational use as I am planning to do. QRP camping still means AC use for some of us for the RV stuff.

I left behind a 5500 watt Honda generator in Fla about 10 yrs ago, as it was too large and too heavy to bring with me to AZ. My mom is going to buy it from me, and keep it for hurricane disaster protection for herself. I was looking for a slightly smaller unit, as I didn't want to lug around a 400-500 lb unit to the camp sites in AZ.

Honda has two new lightweight units, the 1000w EU1000i; and the 3000w EU3000is that I just bought. The little one is only 28.6 lbs, and the bigger one is 134.5 lbs (both dry weights). Run times are longer due to a new design that I will describe shortly. It takes two people to lift the big one; one hand can lift the smaller unit.

The most interesting thing about these new units, is that they are inverter-equipped AC output generators. Thus, a load-dependent speed control adjusts the engine speed to match the required output to the load(s). There is no conventional generator bolted to the engine. Rather, a multi-phase AC alternator is incorporated into a new-design flywheel that replaces the standard flywheel. This multiphase alternator (similar to your auto alternator design) supplies a solid state electronic control unit, that produces the required 60 Hz, 120 vac output (220vac, 50 Hz units for the UK).

The only other company I know of that uses a variable speed design, is Generac. They have a couple of products for RV or motorhome use, but I've only seen them in camping supply or RV stores, and I don't have any experience or comments - good or bad - with those units.

The Honda owner's manual has a wiring diagram that shows the input to the inverter solid-state module is a Y-connected three-phase winding built into the flywheel. Cooling airflow is directed over the inverter heat sinks, and through the engine alternator flywheel housing, engine, and out the rear of the enclosure over the exhaust muffler.

In addition, the output AC sine waveform is cleaner than most commercial AC mains, having only 2.5% distortion vs 5% distortion of most power-company furnished AC. For comparison, most conventional (brushless, or automatic voltage controlled) portable AC generators have from 19.5%

to 23% sine-wave distortion. This data is from Honda's EU series brochure.

These new units also have the lowest operating noise ratings of any small

generator currently on the market, because of extensive sound-proofing measures developed by Honda.

So if you think you may be in the market for a stand-by AC generator, check out the new products from Honda at:

http://www.honda-generators.com

Just note that the new EU series is 120 vac *only*. However, multiple units of the same model can be *paralleled* to increase output. And, the dealer I bought my EU3000is from did not know that it is electric-start. Seems Honda has omitted the battery electrolyte and instructions on filling the internally mounted 12v 9 A/H battery. (See, there is QRP related info in this posting, as this little battery would make for a *swell* QRP rig power source when not using the generator!) ;-)

The little EU1000i seems to be ideal for small loads, and it is much more available than the bigger EU3000is. Generator availability may get much worse by the end of this year - who knows? These new units are a little hard to find right now, and I paid $1650 for the EU3000is here in AZ. Most places want $1995 or more for them - if they have them. I didn't check the price on the smaller EU1000i units.

And for those of you who question the load-starting ability of this alternator-inverter combination, my EU3000is easily starts a 7000 BTU air conditioner on my RV from low-idle speed. And, it will simultaneously run a 900w microwave at the same time. There is a 12v, 12A battery charging output that is greater than most of the other models produce. I won't bore you with more details. If you want info - check out the Honda web page.

I recommend you call as many dealers as possible for the best pricing and availability before you leave the house. Honda has a phone list of dealers available on their web page, listed according to State.

Standard disclaimer; I don't work for American Honda or get paid anything for this info. I had to pay full price, plus tax.

Thanks for reading, and 72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

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Date: Wed, 7 Jul 1999 20:54:30 -0400
From: Richard Powell <ripowell@mpna.com>
To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [44554] Very Strange Request
Message-ID: <01BEC8BA.E8B60DB0.ripowell@mpna.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ok, as I quickly approach 25 years of hamdom,,,,, I have but ONE strange request....
But first a disclaimer....

I"M NOT SOO OLD THAT I"M LOSING MY MIND!!!!

anyway.. My logs from the early daze were lost during one of my many moves, therefor,,,

I don't know when i was first licensed!!!

so,,, what i am hoping for is:
someone who has a callbook from around 1974, and can look up WN6JBM
or, maybe,,, if WA8KNE happens to have that information,,,,, (he is the one responsible for me being licensed)
anyway,,,
73 e s gl in test
wb6jbm

-
Richard Powell, WB6JBM, TENTEN 13044, QRP-L 1118,
Senior Network Engineer, Belcan IT Division
MCSE, CNA.
ripowell@mpna.com http://www.mpna.com/ripowell
ICQ 39245532

Date: Wed, 7 Jul 1999 18:02:46 -0700
From: Gary L Surrency <gsurrency@juno.com>

To: nkennedy@cswnet.com
Cc: qrp-l@Lehigh.EDU
Subject: [44555] Re: MFJ-259 battery holders....SURPRISE
Message-ID: <19990707.180315.-84155.3.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

QRP-friends,

I had a intermittent rivet contact on my newly-purchased MFJ-259B too.
First I soldered it for a quick fix. Then I called MFJ's tech support and
they shipped me a brand new one at no charge. I got it in two or three
days. I sure can't fault their customer support.

Guess a large nylon tie-warp might help with the older battery holders as
a preventative measure against splitting. I'd stretch it around the whole
battery holder and pull it as tight as possible.

72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

_____
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Date: Wed, 7 Jul 1999 18:07:20 -0700 (PDT)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [44556] re: 10M wire antenna - Try a half square !
Message-ID: <19990708010720.24068.rocketmail@web704.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Neil, you are so right!

I have 20 and 30M half squares and think there great.

A 3 band yagi or quad on a tower may be better in some
ways sure. But the half square is about as easy to
erect as a dipole, and has diectivity and gain. Plus
low angle take off. Maybe better for DX, but still FB
for short range too.

Check out the design at the webpage below. Maybe try a
half square?

Like I said the other day, my half square has a bonus
Vee dipole added - but you can just leave that off for
now if you like.

http://members.xoom.com/VLantz/arqrp/ant1.htm

72/3'z de Jim KJ5TF

<My vote for a 10 meter wire antenna would be the half
<square. It acts
<like two phased verticals with a nice figure eight
<pattern and very low
<take-off angle for DX. Also, the high current part
<of the vertical wiresis at the top like upside-down
<phased verticals. Less absorption from
<nearby trees which have their low impedance at the
<bottom.Just my $.02 worth.
<72 ,   Neil,   w0yse,   a QRP-L digest reader.
<   "Of all the things I've lost, I miss my mind the
<most."

_____
Do You Yahoo!?
Get your free @yahoo.com address at http://mail.yahoo.com

Date: Sun, 04 Jul 1999 11:57:23 -0600
From: "William R. Colbert" <af852@rgfn.epcc.edu>
To: cdhamel@pdq.net, qrp-l@lehigh.edu
Subject: [44557] Re: FCC Fee
Message-ID: <377FA083.B51C623A@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-2
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

If you take CQ Magazine, you might want to read the W5YI column -
Washington Readout
which gives details on the new ULS system and the website that we
are now supposed to
be using: http://www.fcc.gov/wtb/uls   then click on the
TIN/CALLSIGN REGISTRATION

button. Then follow the instructions.

At the present time there is no fee for amateur applications not associated with the
taking of a test at a ve session.   Commercial licenses is various prices.

Hope this helps.
73
Ray

--

"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, OOTC 3618, SOWP 1064M NCT2
(also w5xe@juno.com   El Paso,(FAR WEST) TEXAS

Date: Sun, 04 Jul 1999 12:05:38 -0600
From: "William R. Colbert" <af852@rgfn.epcc.edu>
To: tjarey@home.com, qrp-l@lehigh.edu
Subject: [44558] Re: Tuner question MFJ-941-C
Message-ID: <377FA271.8C9535D8@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For the 949 versatuner which I think is the same set up:
A balanced line fed antenna may be connected to the two 5 way binding kposts marked BALANCED LINE. A jumper wire from the WIRE binding post, as indicated by a dotted line, should be connected to one of the posts of the BALANCED LINE. This couples the tuner to
the balanced line thru a 4:1 balun.

So, for end fed wire, you should not need the jumper. And, the instructions should be available on the MFJ web site, without schematics.
73
Ray
--

"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, OOTC 3618, SOWP 1064M NCT2
(also w5xe@juno.com   El Paso,(FAR WEST) TEXAS

Date: Wed, 07 Jul 1999 21:40:23 -0400
From: David Hinerman <wd8civ@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [44559] NE4040 - comments?
Message-ID: <3.0.6.32.19990707214023.0079a510@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Folks,

I found a schematic and PCB layout on the Web for a radio called the
NE-4040. I believe it's a Benson design.

Does anybody have any comments on it, good or bad? I think I might have a
lot of the parts for it already, and I'm considering building it.

Dave, WD8CIV

Dave Hinerman - WD8CIV

Date: Wed, 07 Jul 1999 21:45:04 -0400
From: David Hinerman <wd8civ@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [44560] Re: Michigan Mighty Mite With Electronic Keyer Problems
Message-ID: <3.0.6.32.19990707214504.0079e2d0@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 04:14 PM 7/7/99 -0500, you wrote:
>>I'd almost bet that the output transistor used in your electronic
>>keyer (you didn't say what kind/type it was) isn't "turning on" as
>>hard as it should, thus the keyer output transistor "looks" like a
>>medium-high

>>resistance IN SERIES WITH THE EMITTER of your transmitter, thus severely
>>reducing current flow and thus reducing output power.....
>
>
>Hi Karl,
>
>Well, the name of the thing is "Ham Keyer, model HK5A."
>I don't have a schematic for the thing. Picked it up at a
>hamfest for $10. Anywho, I changed the batteries and
>the thing is still acting up. The Mighty Mite is a single-
>transistor rig, btw. Guess this is just another one of
>those problems you run into when using a single-transistor
>rig. At least it isn't chirpin' (that I can tell). Any other
>suggestions?

Randy,

Use the keyer output in series with a small battery and a quick relay. Use the relay contacts to key the transmitter. Add a diode in parallel with the relay coil, reverse connected (i.e. cathode of the diode toward the positive supply side of the coil) to snub the inductive kick that'll result when you "open" the relay. Otherwise you may pop your keyer transistor. (It -ought- to have one in it, but may not.)

Dave, WD8CIV

Dave Hinerman - WD8CIV

Date: Wed, 7 Jul 1999 21:45:15 -0400
From: wb2vuo@juno.com
To: qrp-l@lehigh.edu
Subject: [44561] Ground Fuse: YES!
Message-ID: <19990707.215311.-95483.0.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I will weigh in for fusing the ground side. I base this on the following experience back in the early 70's:

The SouthEast Connecticut Radio Amateur Mobile System (SCRAMS) made a group purchase of Midland 220 MHz radios, the 13-509. I went in on the

purchase and installed mine in the Chevy I had at the time. About 6 months after installing the rig, I headed out to the lot, planning to take a drive up the coast. When I turned the engine over (or at least tried to...) the radio lost a BIG pile of SMOKE! The car wouldn't start either.

With the help of a shipmate, we got the car to the auto shop , and the ground wire from the battery was completely corroded through...

What happened when I turned the key was this:

Without a ground path to the block, the starter utilized the other available ground, the black #16 wire to the rig, and from there the coax braid to the dB Products mount. Trying to pull 300 amps or so through #16 is not recommended, but pulling 300 Amps through the ground foils around the circuit board mounting screws is even less desirable! The foil was GONE! Each of the board mounting screws had a 1/2" bare circle around them, and there was vapor-deposited copper and solder all over the inside of the mobile!

It took me a month of scraping to get all of the shorts off the board, and I ended up replacing all of the switching transistors in the PTT, the relay and the finals!

When the radio went back in, there was a fuse on each connection to the battery. And a second ground from the battery to the block!

Better safe than scorched!

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp
My night light runs more power than my Rig!!!

_____
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Date: Thu, 08 Jul 1999 09:59:56 -0400
From: david fouchey <dafouchey@home.com>
To: gsurrency@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44562] Re: Field Day info: New portable gasoline generator available
Message-ID: <3784AEDC.213AE0CE@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Generac has a complete line of portable and home installed generators. I have used a fair number of them for back up generators for mountain top microwave sites, with nary a hitch. also bought a dozen of the 8 kW "portables" for use in temporary locations. Again they performed flawlessly. Price wise they are a touch more expensive than the Honda's but I find they provide a more stable output. Home Depot carries them and they are in a joint venture with caterpillar's power systems division as well, Cat is a national service organization for them. And for the buy american crowd they are made in Minnesota!

Just my two cents worth..

Dave Fouchey
WA4EMR
Manager Field Ops
CSX Technology

Gary L Surrency wrote:
>
> (hit DELETE if not interested in portable AC generator stuff - only
> slight QRP content)
>
> Gang,
>
> Ok, so a lot of people are in a tizzy about the Y2K thing later this
> year. But I just needed a generator that would run my camp AC and
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> bigger one is 134.5 lbs (both dry weights). Run times are longer due to a
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>
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> load(s). There is no conventional generator bolted to the engine. Rather,
> a multi-phase AC alternator is incorporated into a new-design flywheel
> that replaces the standard flywheel. This multiphase alternator (similar
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> unit, that produces the required 60 Hz, 120 vac output (220vac, 50 Hz
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> The Honda owner's manual has a wiring diagram that shows the input to the
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> into the flywheel. Cooling airflow is directed over the inverter heat
> sinks, and through the engine alternator flywheel housing, engine, and
> out the rear of the enclosure over the exhaust muffler.
>
> In addition, the output AC sine waveform is cleaner than most commercial
> AC mains, having only 2.5% distortion vs 5% distortion of most
> power-company furnished AC. For comparison, most conventional (brushless,
> or automatic voltage controlled) portable AC generators have from 19.5%
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> brochure.
>
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>
> generator currently on the market, because of extensive sound-proofing
> measures developed by Honda.

>
> So if you think you may be in the market for a stand-by AC generator,
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>
> http://www.honda-generators.com
>
> Just note that the new EU series is 120 vac *only*. However, multiple
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> Seems Honda has omitted the battery electrolyte and instructions on
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> *swell* QRP rig power source when not using the generator!) ;-)
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>
> And for those of you who question the load-starting ability of this
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> a 900w microwave at the same time. There is a 12v, 12A battery charging
> output that is greater than most of the other models produce. I won't
> bore you with more details. If you want info - check out the Honda web
> page.
>
> I recommend you call as many dealers as possible for the best pricing and
> availability before you leave the house. Honda has a phone list of
> dealers available on their web page, listed according to State.
>
> Standard disclaimer; I don't work for American Honda or get paid anything
> for this info. I had to pay full price, plus tax.
>
> Thanks for reading, and 72,
>
> Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)
>
> _____
> Get the Internet just the way you want it.
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> Try Juno Web: http://dl.www.juno.com/dynoget/tagj.

Date: Wed, 07 Jul 1999 20:34:11 -0600

From: "James R. Duffey" <jamesd1@flash.net>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [44563] Go to Ft. Tuthill !!
Message-ID: <199907080236.VAB00281@mailgw.flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

All - If you are within reasonable commuting distance to Flagstaff I highly recommend the Arizonia State Convention at Ft. Tuthill (3 miles south of Flagstaff). It is two weeks or so away so make your plans now. Ft. Tuthill is at 7000 ft asl, so it is very cool and a nice respite from the summer heat if you live anywhere in the southwest.

The Az SQRPions put on a very nice QRP forum, sponsor a QRP friendly campground, and hold an excellent picnic in the evening. You have your chance to hear several illustrious speakers as well as myself. Kent Torrell has put together a "stump the PhDs" panel consisting of Kent, Chuck Adams, K5FO, and myself. You can ask us any questions you want and find out what 7 years of higher education has contributed to ham knowledge :^).

There is a large swap meet and a small but important contingent of commercial vendors there.

With the campground within walking distance of the Hamfest, nothing could be more convenient. Many of us bring our families and there is lots to do in Flagstaff or within a short drive. My wife loves the hamfest and won't let me not go. :^) I think that is an appropriate use of the double negative - Nils?

After the picnic/BBQ (bring your own meat) on Saturday night there is the infamous joint AZ SQPions/NorCal Board of Directors meeting around the campfire. This year the NE QRP club will have a representative in Dave Benson. Strange operating activities are often conceived there. All are welcome. This year I will distribute the NorCal 807s at the board of director's meetings.

Oh yes-all of this is free. See you there. - Dr. Megacycle KK6MC/5

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Wed, 07 Jul 1999 22:46:37 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>

To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>, "njqrp@njqrp.org" <njqrp@njqrp.org>
Subject: [44564] Re: Tuner question MFJ-941-C
Message-ID: <3784110D.40988854@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks for all the prompt and helpful replies to my tuner question. This
list is the greatest place on the internet!!!
--
++

  T.J. "SKIP" AREY N2EI   e-mail tjarey@home.com

     Website   http://members.home.net/tjarey

     Snail Mail: PO Box 236, Beverly, NJ 08010

   Specialization is for insects!   LAZARUS LONG

Date: Wed, 07 Jul 1999 23:01:45 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: terryb@bmts.com, "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [44565] Vectronics Regenerative Receiver
Message-ID: <37841499.E0C3131B@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I think its similar to the MFJ-8100. I've had one of those for a couple
of years and its a lot of fun. Its a great rig for a beginner to learn
about radio.

--
++

  T.J. "SKIP" AREY N2EI   e-mail tjarey@home.com

     Website   http://members.home.net/tjarey

     Snail Mail: PO Box 236, Beverly, NJ 08010

   Specialization is for insects!   LAZARUS LONG

Date: Wed, 7 Jul 1999 23:13:37 -0400 (EDT)
From: art marshall <w1fji@vistech.net>
To: qrp-l@lehigh.edu
Subject: [44566] Re: National Park Expedition Day
Message-ID: <199907080313.XAA05050@44mag.vistech.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

were State Parks included, wat is the offical date and time.
73, Art w1fji

At 08:03 AM 7/7/99 -0700, you wrote:
>>--- Scott Robbins - VE7CCY <kc_sr@hotmail.com> wrote:
>>> Was a decision reached on organising/picking a date
>>> for the National Park
>>> expedition date?? If not, why don't we make it for
>>> August 7 (Saturday)
>>> between 11 and 1pm Pacific time (2-4 Eastern).
>>
>>Looks good to me! Good to see this get off the ground!
>>Now to find that National Park...
>>
>>Jeff
>>===
>>Jeff Jones
>>AB6MB
>>NorCal QRP Club #65, QRP-L #1780
>>CW Forever!!!
>>Ghost Hunter
>>Owner of the Delta MudCats fantasy baseball team
>>Voicemail/Fax 1-888-Excite2 ext 925-439-2514
>>_____
>>Do You Yahoo!?
>>Get your free @yahoo.com address at http://mail.yahoo.com
>>
>>
>
>

Date: Wed, 07 Jul 1999 20:16:51 -0700
From: Ron <rong@slip.net>
To: qrp-l@lehigh.edu
Subject: [44567] 2 meter qrp
Message-ID: <37841823.4A1C@slip.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Not conventional qrp, but it IS a 2m handheld which runs only 300 milliwatts....
I am converting an HT to a SMA type connector, and wonder if any of you know where to find inexpensive SMA antennas for hts?
I see some prices at HRO that are half what I paid for the radio! Up to $45.00! For a rubber duck.
Geez, the right angle SMA connector retailed for twenty bucks! Gold plated and all...So if anyone knows how much the replacement antennas for the SMA equipped HT's go for, I would like to buy one... Thanks..

Date: Wed, 7 Jul 1999 22:20:43 -0500
From: "Dennis Payton" <dpayton@fwi.com>
To: <qrp-l@Lehigh.EDU>
Subject: [44568] Utilizing cheap RS radios?
Message-ID: <001a01bec8f0$e188d5a0$22a854d1@locke>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

 Although I don't have the ability, it seems to me that someone could come up with a handy & economical project or two using those cheap Radio Shack radios. Right now they have an AM/FM radio (#12-974) on sale for eight bucks. The battery compartment is designed for two AA's but I think it could also hold a nine volt battery with a little effort. Then inside, it contains a poly film tuning capacitor, a pot with switch, a slide switch, a speaker, a 1/8" mono plug, a telescoping antenna, and several capacitors (including NPO's).

Couldn't one be used as the starting point for designing a little xcvr? Or a keying monitor? How about an "audible" FS meter?

Denny Payton, N9JXY
Auburn, IN

Date: Wed, 07 Jul 1999 23:27:09 -0400
From: S LYON <sslyon@worldnet.att.net>
To: qrp chat <qrp-l@Lehigh.EDU>
Subject: [44569] F.D. Official Log
Message-ID: <37841A8D.51133175@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Here's our QRP effort:

ARRL FIELD DAY -- 1999

Call: W1QK Section: CT
Category: Class A - Battery

BAND	CW QSO	CW QSO PTS	SSB QSO	SSB QSO PTS
160	0	0	0	0
80	66	660	44	220
80N	0	0	0	0
40	124	1240	36	180
40N	0	0	0	0
20	95	950	20	100
15	85	850	1	5
15N	0	0	0	0
10	0	0	0	0
10N	0	0	0	0
	370	+	101	= 471 Total QSO

(3700 CW QSO PTS + 505 SSB QSO PTS) + 600 BONUS = 4,805

Club Affiliation: Candlewood Amateur Radio Association.
The experience was a real inspiration for our club and I hope we'll field tru QRP rigs next year.

Eqp't: IC 751 to tuner thru HB ladderline to 600' square loop at about 75'. Also had Double Magnetic Slots on 80 & 40, and a tribander for 20 thru 10. The Big Mamma Loop blew everything else away. (no suprise) I don't remember where I was supposed to post this log for QRP-ers...

someone please refresh my memory.
72
-s-

--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Thu, 8 Jul 1999 03:42:43 -0500
From: "Robert G. Seymour" <bobsey@juno.com>
To: qrp-l@lehigh.edu
Subject: [44570] Bill B Lazure <n2tpa@juno.com>: Re: Hambrew
Message-ID: <19990708.040540.10390.1.BOBSEY@juno.com>

No it is no longer published. It was published by George De Grazio,
WF0K, In Lakewood, Co. and a fine little magazine it was.
The person who posted the original request has contacted me and unless
something unforseen occurs he will get the mags. Thanks all.
72/73, Bob W0LK

-------- Begin forwarded message ----------
From: Bill B Lazure <n2tpa@juno.com>
To: bobsey@juno.com
Subject: Re: Hambrew
Date: Wed, 7 Jul 1999 03:24:23 -0400
Message-ID: <19990707.034345.7038.1.N2TPA@juno.com>
References: <19990706.154346.2662.0.BOBSEY@juno.com>

Bob,

     I've never heard of this magazine. Is it still in publication?   If
so, can you post the particulars to the list? I'm sure alot of people
would like to know about it.

73,

Bill
W2EB

On Tue, 6 Jul 1999 15:43:43 -0500 "Robert G. Seymour" <bobsey@juno.com>
writes:
>
>Some one on the list was looking for back issues of Hambrerw magazine
>but I lost the address. If still looking e-mail direct and I can help.

>
>Bob, W0LK
>_____
>Get the Internet just the way you want it. Free software, free e-mail,
>and free Internet access for a month! Try Juno Web:
>http://dl.www.juno.com/dynoget/tagj.
--------- End forwarded message ----------

_____
Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: http://dl.www.juno.com/dynoget/tagj.

Date: Thu, 08 Jul 1999 14:21:54 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44571] AR Certificate for shack - handsome
Message-ID: <37842762.5AA50A06@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

Some time back someone posted a humorous certificate. I kept the
essentials but then deleted the entire email (sorry).

It is now posted - with some considerable embellishment,

http://www.integritynet.com.au/~purdic/notice_visits.htm

Download, cut/paste, print and frame on your shack wall.

73's

Ian Purdie
VK2TIP "I'll give you the TIP mate"
Budgewoi N.S.W. Australia
Tel: 0011 + 61 + 2 + 4399 3228 (2200 - 0800 U.T.C.)
QRP-L member #1978.
URL - http://www.integritynet.com.au/~purdic
URL - http://www.qsl.net/vk2tip/
"By definition, a government has no conscience. Sometimes it has a
policy, but nothing more". - Albert Camus

Date: Wed, 7 Jul 1999 23:21:08 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <wd8civ@worldnet.att.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44572] Re: Michigan Mighty Mite With Electronic Keyer Problems
Message-ID: <004001bec8f9$6b1e43b0$3d67d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: David Hinerman <wd8civ@worldnet.att.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Wednesday, July 07, 1999 9:01 PM
Subject: Re: Michigan Mighty Mite With Electronic Keyer Problems

>At 04:14 PM 7/7/99 -0500, you wrote:
>>>I'd almost bet that the output transistor used in your electronic
>>>keyer (you didn't say what kind/type it was) isn't "turning on" as
>>>hard as it should, thus the keyer output transistor "looks" like a
>>>medium-high
>>>resistance IN SERIES WITH THE EMITTER of your transmitter, thus severely
>>>reducing current flow and thus reducing output power.....
>>
>>
>>Hi Karl,
>>
>>Well, the name of the thing is "Ham Keyer, model HK5A."
>>I don't have a schematic for the thing. Picked it up at a
>>hamfest for $10. Anywho, I changed the batteries and
>>the thing is still acting up. The Mighty Mite is a single-
>>transistor rig, btw. Guess this is just another one of
>>those problems you run into when using a single-transistor
>>rig. At least it isn't chirpin' (that I can tell). Any other
>>suggestions?
>
>Randy,
>
>Use the keyer output in series with a small battery and a quick relay. Use
>the relay contacts to key the transmitter. Add a diode in parallel with the

>relay coil, reverse connected (i.e. cathode of the diode toward the
>positive supply side of the coil) to snub the inductive kick that'll result
>when you "open" the relay. Otherwise you may pop your keyer transistor. (It
>-ought- to have one in it, but may not.)

Hi, Dave. Thanks for the info! I'll give the relay a shot.
Normally, I wouldn't go through all this trouble, but I
plan on using this rig in the uW region and any help
that I can get with the output will be needed :^).

Marty was telling me that the Radio Shack Reed
Relay was a quick moving son-of-a-gun, so I'll
give that a shot. Anyone else have any input
on this relay?

So, as it stands, I'm gonna' replace the keying
transistor with the 2N7000, add a relay on the
output (with diode), and let her rip.

BTW, I solved 90% of the problem by using
a different antenna connection. OTOH, the
keying transistor is still causing the output
to drop 100mW's or so. With all of this fine
advice I'm getting, AB5NI/QRPp will be on
the air in fine shape, frying birds on the antenna,
melting coax, etc. :^).

Thanks!

72/73,

Randy Jouett, AB5NI

Date: Wed, 7 Jul 1999 21:47:59 -0700
From: "John Moriarity" <k6qq@hdo.net>
To: <aa5tb@swbell.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44573] Re: The Grey Line
Message-ID: <011301bec8fd$0eeac2e0$06424cd1@k6qq>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

It's hard to define exactly what the "grey line" is.
Astronomers speak in terms of six, twelve and
eighteen "degree" twilight. This has to do with how
far past sunset it is. My German "grey line" globe
shows a region like this. Like most HF propagation
effects, I doubt that it is very exact.

72,

John, K6QQ
Alturas, CA

Date: Wed, 7 Jul 1999 23:46:58 -0500
From: "Chuck Adams K5FO" <adams@ticnet.com>
To: aa5tb@swbell.net
Cc: qrp-l@lehigh.edu
Subject: [44574] Re: The Grey Line
Message-ID: <E11250H-0000xP-00@pop3.ticnet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

> The gray line width does change width with latitude in that it becomes wider
                                                                ^^^^^^^^^^^^^^^^^
> as you move towards the poles. The effective gray line width also becomes
> wider as you increase in frequency. There are a lot of variables. A simple
> degree measurement either side of the terminator probably is a vast over
> simplification.
>

BZZZZT!!

Gang,

Let me make a quick comment and my time is limited as I am
going out of town tomorrow and the kid is visiting on his
was to LAX area for new job....

Between the sunlit side of the earth and the dark side
there is a region where we see twilight. This area is
happens to be constant in width. You can experiment

with this by using a tennis ball and a flashlight
and look at what I am talking about. Simplified version,
of course.

Now put a pin in the tennis ball and call that your QTH.
Rotate the ball about the polar caps (:-)), you work out
the physics on this, while the light is shining on the ball
say on the equatorial plane.

As the terminator (the area between the light and dark region)
passes between you and another area on the sphere that you want
to work (midway between you and the other QTH) you are approximating
the Grey Line effect. If you are looking at a region that
gets close to the poles you are at an angle, so the "effective"
region looks larger. It isn't physically larger though.

I'll work out the math for you if you want more, but it involves
the cos(theta) between the great circle line between the two
QTHs and the terminator line, where theta is the angle between
the two lines. I'll again come back and reword this when I have
more time.

You get the picture if you get the flashlight (don't run down the
batteries) and the tennis ball and go in the closet.... :-)

dit dit

Chuck Adams K5FO adams@ticnet.com http://www.qsl.net/k5fo/

Date: Thu, 08 Jul 1999 04:59:08 GMT
From: Scott Robbins - VE7CCY <kc_sr@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [44575] National Park Exp. Questions
Message-ID: <19990708045910.2198.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Well, thanks for the continued interest in the National Park idea! I'm
looking forward to it myself! As far as usable bands, 10 through 40 would
probably be your best bet with 20 most likely having the most potential.

As far as the local parks, I don't see why those can't be included as well!
(It would be good if it had a name, though!)

For anyone who missed the original post, the National Park Expedition is set for August 7. More details to be submitted soon. If anyone has any suggestions or things they would like to have included, by all means, don't hold back! :)

Look forward to working lots of you in the expedition!

73,
Scott - VE7CCY

_____
Get Your Private, Free Email at http://www.hotmail.com

Date: Wed, 7 Jul 1999 23:34:18 -0600
From: Niel Skousen <skousen@srv.net>
To: qrp-l@lehigh.edu, nwq-l@scn.org
Subject: [44576] possible WIMU 2000
Message-ID: <v04003a00b3a9e697c1f0@[12.7.221.200]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Some on the list(s) will remember WIMU (Wyo-Ida-Mont-Ut), a long running hamfest held for many years in Island Park Idaho, but kind of in hibernation for the past 5+ years.

An initial 'Can we bring WIMU back' get together was held recently in eastern Idaho, and I'm kind of asking for advice, input, encouragement, discouragement, checklists, cheat sheets, resource materials (and sources), fund raising idea's, volunteers, and you name it from this list.

I maybe even have a chance to get a significant QRP presence built in up front.

In addition, we want this to NOT conflict or compete with other regional hamfests, but to preserve the tradition and compliment the activities in the north-central rockies.

I'd appreciate any feedback, but please off of QRP-L...

72
Niel

----- -.. . .-- .- --... ... .-   -----
Niel Skousen : WA7SSA   skousen@srv.net
Idaho Falls, ID   QRP-L.119   fr DN33wm

Date: Thu, 08 Jul 1999 01:42:07 EDT
From: ka7you@juno.com
To: QRP-L@LeHigh.EDU
Message-ID: <19990707.220115.3719.1.ka7you@juno.com>

resume QRP-L KA7YOU

____
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Date: Thu, 8 Jul 1999 01:00:25 -0500
From: Oscar A Hoyt <k5ubs@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [44578] Red Hot NC20
Message-ID: <19990708.010028.10294.0.k5ubs@juno.com>

Hi Y'all,
Finally finished the NC20 that I bought from Dave at HamCom. Went through the alignment twice as wasnt sure I did it right. Used the VE6DNL marker/gen method that Chuck posted here to set the TX offset. Then this evening checked it with my freq counter. After a few tries I responded to VE3MPQ's CQ at 14.05. He was a booming 599 and he gave me a 579, WOW! Feeding a 18AVT verticle. No paddles yet so useing a converted PC mouse, left click.. dits, right click dahs.
72, K5UBS
Oscar Hoyt, ham since '55, ARRL, QCWA, QRP-L 1733, NORCAL, ARCI

____
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Date: Thu, 8 Jul 1999 07:01:57 +0100
From: John Fletcher <johnf@innotts.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44579] Re: Printer A/B Switch as Rig Enclosure
Message-ID: <199907080601.HAA18913@carlton.innotts.co.uk>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Randy and the group,

I've been buying these second-hand at hamfests
and computer fairs for a couple of years with
just that in mind, but haven't actually converted
one yet. They should make great little screened
enclosures for rigs, strong and smart-looking.
You might need to add a new back-plate though,
because the holes won't be suitable.
As I haven't built a rig into one yet I've
resorted to using them as printer switches :-)

Another thing I'm buying is old cellphones. I like
the ones with a handset which clips on to a big box
with the battery and electronics in it. The RF
part is in a separate slide-off box made from
aluminum extrusion. It has (typically) a co-ax
connector and a 25-way D-type connector, and top
and bottom covers which slide off to reveal two
compartments. The "headroom" isn't great but it's
enough to get a circuit board in on either side of
the dividing wall (which is how the're built when
you get 'em). You may be lucky enough to find one
with a good 12 volt battery and shoulder strap. If
you're into SSB then the handset can be used just as
it comes. For CW you could build paddles into one end
of the case. In the UK these can be found for one
pound ($1.50) or less at hamfests. Only trouble is,
they look like old cellphones!

73

John G4EDX
John Fletcher
Operator of British Amateur Radio Station G4EDX

Date: Thu, 8 Jul 1999 07:19:43 +0100
From: John Fletcher <johnf@innotts.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44580] Re: Remember a QRP Xmtr Using a VN10K Transistor???
Message-ID: <199907080619.HAA19618@carlton.innotts.co.uk>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Hi all,

The "Oner" fits this description. It uses a VN10KM (still available in
Britain) and fits on a one-inch-square pcb. It appeared in Sprat
and it's still on sale at Kanga Products. Try sales@kanga.demon.co.uk.

Hope this helps.

John G4EDX

John Fletcher
Operator of British Amateur Radio Station G4EDX

Date: Thu, 8 Jul 1999 01:57:53 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <johnf@innotts.co.uk>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44581] Re: Printer A/B Switch as Rig Enclosure
Message-ID: <007a01bec90f$3dc25170$3d67d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: John Fletcher <johnf@innotts.co.uk>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Thursday, July 08, 1999 1:10 AM
Subject: Re: Printer A/B Switch as Rig Enclosure

Howdies from the Swamps of Louisiana, John, where
men are men and anything that moves is probably going
to be eatten. :^)

>Hi Randy and the group,
>
>I've been buying these second-hand at hamfests
>and computer fairs for a couple of years with
>just that in mind, but haven't actually converted
>one yet. They should make great little screened

>enclosures for rigs, strong and smart-looking.
>You might need to add a new back-plate though,
>because the holes won't be suitable.
>As I haven't built a rig into one yet I've
>resorted to using them as printer switches :-)

Bruce (W6TOY/3) sent me some e-mail and said
that you have to remove the DB 25's, place a piece
of PCB back there, and then drill out the holes
that you want instead. Good idea, Bruce!

>Another thing I'm buying is old cellphones. I like
>the ones with a handset which clips on to a big box
>with the battery and electronics in it. The RF
>part is in a separate slide-off box made from
>aluminum extrusion. It has (typically) a co-ax
>connector and a 25-way D-type connector, and top
>and bottom covers which slide off to reveal two
>compartments. The "headroom" isn't great but it's
>enough to get a circuit board in on either side of
>the dividing wall (which is how the're built when
>you get 'em). You may be lucky enough to find one
>with a good 12 volt battery and shoulder strap. If
>you're into SSB then the handset can be used just as
>it comes. For CW you could build paddles into one end
>of the case. In the UK these can be found for one
>pound ($1.50) or less at hamfests. Only trouble is,
>they look like old cellphones!

Hey -- that's a lot of stuff for $1.50! Not only that,
but you also get a leather carrying-case to boot.
This is a good idea, John, and I'm glad that you
posted this info. There's only one problem, though:
now everyone on this list will know about it and
I'll have to pay $10.00 for the cellphone at the next
hamfest :^) :^).

72/73,

Randy Jouett, AB5NI

Date: Thu, 08 Jul 1999 11:26:50 +0100

From: Tom Palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [44582] PIC of Bencher Paddle
Message-ID: <37847CE9.E0308349@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

It's about time!
Chuck, K5FO, has published good
pictures of a Bencher paddle. These
are the best I've found on the net.

See:

http://www.qsl.net/k5fo/

Tom, N1TP. Naples, FL.

Date: Thu, 8 Jul 1999 05:54:13 -0600
From: "Crandall, Chuck/ATL" <CCrandal@CH2M.com>
To: "'QRP-L@LEHIGH.EDU'" <QRP-L@LEHIGH.EDU>
Subject: [44583] 20 WPM Test Tips (Long)
Message-ID: <D65B94619876D211895F00805FBBEA5499332C@SCARLETT.ch2m.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

A couple of nights ago I passed the 20 wpm test on the first try (along
with the Advanced written). The inspiration to do this was this list which
I discovered at the same time I was first licensed in October 1998 --- you
gentlement and ladies are very inspiring and encouraging to us newbie
lurkers.

A big part of passing the 20 wpm CW test was a CD I got from Chuck Adams. He
offered it on this list about 2 months ago for $10. It's about an hour of 20
wpm
names, cities, states, QSOs, and a long straight text. I highly recommend
it.

I listened to Chuck's CD (actually a cassette tape I made from it)back and
forth
to work every other day or so (after the obligatory news, sports, and
weather).

This was from 10 to 30 minutes depending upon traffic. It was kind of fun (Chuck has a pretty good sense of humor which comes through on the CD in his selection of names, etc.) Also, it was great to fantasize that it was actually you on the other end of that KH6 or KL7 practice QSO on the CD.

Once or twice a week (M,W, or F) I'd catch W1AW at about 10:20 pm (eastern) for the 25 wpm and 20 wpm practice. I have not yet mastered the 25 wpm but,

found it to be a great warm up for 20 wpm (20 wpm seems slow after struggling
at 25 wpm).

Another trick I used (this one is painful) was to deny myself the pleasure of buying significant QRP goodies and undertaking building projects. I'm a huge procrastinator so needed this extra bit of very effective motivation. The advantage was it gave me more time to operate with my existing SW+ rigs which helped on the CW (by the way 30M has been unbelievably great for QRP).

Don't know if the above tricks will work for everyone but, for me it did.. was the first one to hand in the code answer sheet, scored 10 for 10 (no guesses), and was close to solid copy for the full 5 minutes. The VEC team was impressed and said it was one of the best they had ever seen.

Have picked up the Extra theory book and hope to learn it over the next couple of months. Again, thanks to the list for the encouragement to continue to learn and upgrade (and a special thanks to Chuck Adams).

Best Regards,
Chuck
KG4ADU

Date: Thu, 8 Jul 1999 07:56:57 -0400
From: "Irwin, Wayne, W1KI" <wirwin@arrl.org>
To: cdhamel@pdq.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44584] RE: FCC Fee
Message-ID: <8060D04206ABD2118C6800805FC743CC6F5EBB@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="windows-1250"

There is no fee to renew or modify a license, with the exception of the renewal of a vanity call sign license. Modifications do not cost anything. Note that some VECs may offer to renew or modify your license for a fee. There is no fee if the application is filed directly with the FCC. FCC processing may take a few weeks depending on how busy they are. Hope this

helps.

73,

Wayne K. Irwin, W1KI
Assistant to the ARRL/VEC Manager
E-mail: w1ki@arrl.org
Tel: (860) 594-0305

==========

-----Original Message-----
From: Charles Hamel [mailto:cdhamel@pdq.net]
Sent: Wednesday, July 07, 1999 7:36 PM
To: Low Power Amateur Radio Discussion
Subject: FCC Fee

Sorry all not QRP related

I have printed out the FCC Form 610 to change my address. Does anybody know if there is a fee for this, it doesn't say on the form??

apply to me personally please and sorry for the bandwidth!

Charles
KC5DXQ - Norcal Zombie - HQRP- QRP-L #1919
http://www.angelfire.com/de/kc5dxq/index.html

Date: Thu, 08 Jul 1999 08:20:35 -0400
From: Zack Lau <zlau@arrl.org>
To: qrp-l@lehigh.edu
Subject: [44585] Re: balanced feedline/unbalanced TX
Message-ID: <37849793.7272642E@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Is there much interest in transmitters with balanced outputs like the Tedco QRP rig? Zack W1VT

Date: Thu, 08 Jul 1999 08:20:08 -0400
From: hapence@erols.com
To: qrp-l@lehigh.edu
Subject: [44586] Dist & Bearings
Message-ID: <4.1.19990708081423.00951f00@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

907080820

Will someone please get me headed back to the info list for QRP-L(lost
backup for my club lists)?

Thanks

Grover KQ4AL

Date: Thu, 8 Jul 1999 07:40:19 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: <adams@ticnet.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44587] Re: The Grey Line
Message-ID: <002201bec93f$0aaa2d00$0a37a497@aa5tb>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Chuck,

I agree with you Chuck. I guess I oversimplified. It is of course true
that the physical gray line width is constant with latitude. I said it
incorrectly. If the physical twilight is all that Dave is looking for then
a simple answer may be at hand.

What I was speaking of was the width of a gray line window in time. Let's
use the vernal equinox as an example, as you moves toward the poles it takes
longer for the sun to set and rise for you. In fact, at the poles it
wouldn't really do either all day! In other words, twilight (and the radio
gray line) is short lived at the equator but last all day at the poles.
Even in this respect, the width in degrees longitude goes from a few degrees
at the equator to 360 degrees at the poles. This will vary considerably
with season as mentioned before, especially if you are near the poles.

If you were trying to work some long path (geometrical) on 80m for instance,
your window of opportunity would be much shorter if you lived at the equator

as compared to living near the poles (ignoring the auroral ovals of course).

I believe that this variance in the twilight time window actually makes the "radio" gray line physically wider too (ionization effects). I may still be wrong on this one so maybe the experts can fill me in on this one. This is the way I understand it from the low band DXer gurus.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
http://home.swbell.net/aa5tb

Date: Thu, 8 Jul 1999 07:54:54 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: <cdhamel@pdq.net>, "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [44588] RE: FCC Fee
Message-ID: <000001bec941$14221df0$d8016f81@uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="windows-1250"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The only "fee" is the 33 cents it takes to get it to the FCC.

72/73
Kevin, WB5RUE

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU
> [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> Charles Hamel
> Sent: Wednesday, July 07, 1999 6:36 PM
> To: Low Power Amateur Radio Discussion
> Subject: FCC Fee
>
>
> Sorry all not QRP related
>
> I have printed out the FCC Form 610 to change my address.
> Does anybody know
> if there is a fee for this, it doesn't say on the form??
>
> apply to me personally please and sorry for the bandwidth!

>
> Charles
> KC5DXQ - Norcal Zombie - HQRP- QRP-L #1919
> http://www.angelfire.com/de/kc5dxq/index.html
>
>
>

Date: Thu, 8 Jul 1999 08:00:29 -0500
From: "Chuck Adams K5FO" <adams@ticnet.com>
To: n1tp@worldnet.att.net
Cc: qrp-l@lehigh.edu
Subject: [44589] Re: PIC of Bencher Paddle
Message-ID: <E112Chp-0004T6-00@pop3.ticnet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Hmmmm. I've had those for more than a year. :-)

But, today just after lunch TX time I'll have a
new page of Mercury Paddle (S/N #300) pictures
on the web page. I need it for another link at
another site on the web. ;-)

Check the web page later today if you want to
see about 25 pictures taken up close and personal.

FYI

Chuck Adams K5FO adams@ticnet.com http://www.qsl.net/k5fo/

Date: Thu, 8 Jul 1999 09:27:04 -0500
From: Kyle Lusk <klusk@bhmvending.com>
To: "'qrp-l'" <qrp-l@Lehigh.Edu>
Subject: [44590] need QRP tuner
Message-ID: <01BEC924.0D06AEE0.klusk@bhmvending.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Does anyone have a tuner they would like to sell?
I am new at QRP. I have a radio, dipole antenna.
Anxious to get on the air, and funds are low.

I really have enjoy QRP-L ,talked to some great people.
 Thank you.
Kyle KG4BQQ

Date: Thu, 8 Jul 1999 08:55:20 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [44591] cell phones
Message-ID: <Pine.LNX.3.95.990708084723.19774A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I was about to take a battery (ni-cad) holder apart and look inside to
salvage the ni-cads for qrp use when I noticed that this unit (Motorola)
has a switch on the back...looking at the battery with the contact metal
strips on your left...minus strip on the left; unmarked strip in the
middle; positive strip on the right......to the right of these strips on
this is where the switch is located...when I move the switch to theleft,
an orange dot appears...so the question is what is this switch for?...

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
           A-1 Operator Club - 10/10# 944 - Regina, Saskatchewan, Canada
           Amateur Radio Stamp Collector   "QRP! How sweet it is!"

Date: Thu, 08 Jul 1999 09:26:59 +0000
From: Tim Ahrens <tahrens@hilconet.com>
To: rattray@gpfn.sk.ca
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44592] Re: cell phones
Message-ID: <37846EE3.7E76A569@hilconet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

To remind you that you have charged it! :-) It's not really a switch.

cu

Tim W5FN

Bruce Rattray wrote:

> an orange dot appears...so the question is what is this switch for?...
>

Date: Thu, 8 Jul 1999 10:55:54 EDT
From: Robsparks@aol.com
To: qrp-l@lehigh.edu
Subject: [44593] AR ARP 40m net results
Message-ID: <3d4c6c3c.24b615fa@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The AR-QRP Net last night had 7 QNIs. We had some new QNIs which is great! The winner for lowest power QNI has to go to Jim, N5IB who checked in with 250 mw using his newly completded DSW 40. QRN was not too bad, but AC5K had to QSP for Fred, W2XN in Florida. Come on Fred, charge that battery! The net began at 0030Z and ended at 0105Z. Thanks to those who participated! Here are the stations that checked in:

AC5K	Wes
W2XN	Fred
KF4KSM	Mac
N5IB	Jim
WA5BDU	Nick
AB5NI	Randy
WA5PVF	George

Special note: We need replacement/fill-in NCS ops for the nets With summer vacation upon us, others are needed to keep the net going. If you can carry on a QSO in CW, you can handle the job of NCS! Please email me and let me know if you could host the net occasionally

The NCS was Bob AB5ZD , using the AR QRP Club call NQ5RP, QTH Alexandria LA, running 5 watts to a G5RV back up about 25 feet in pecan trees. Orientation of the ant wire is NNW to SSE. Following is a list of Arkansas QRP Club nets:

Monday Night	0030Z	3.560 mhz
Wednesday Night	0030Z	7.042 mhz

Non-members are welcome (and encouraged) to QNI!

72,

Bob AB5ZD

Date: Thu, 8 Jul 1999 10:56:27 -0400 (EDT)
From: Chris Cartwright Sr <ccart@phideaux.com>
To: Bruce Rattray <rattray@gpfn.sk.ca>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44594] Re: cell phones
Message-ID: <Pine.LNX.4.04.9907081052240.5744-100000@dns.phideaux.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 8 Jul 1999, Bruce Rattray wrote:

> an orange dot appears...so the question is what is this switch for?...

Check very close to see if it's really a switch. Some of the battery packs had a "flag" so that if you had multiple you could mark them charged/discharged. It may just be a plastic slider. Some of the batteries also had multiple contacts (3 or 4) so that they could attach to a temperature sensor inside the pack. 72 es gl

-- Chris Cartwright,   Technical Engineer | ccart@phideaux.com   --
-- N3XRV   ARRL-VE   Norcal Zombie #163 | Gaithersburg, MD FM19je   --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

---

Date: Thu, 08 Jul 1999 11:05:10 -0400
From: Tom M <tjmc@erols.com>
To: rattray@gpfn.sk.ca
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44595] Re: cell phones
Message-ID: <3784BE26.77B1D850@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

> this is where the switch is located...when I move the switch to theleft,
> an orange dot appears...so the question is what is this switch for?...
>
This switch does NOTHING!....
Other than to let you use it as a charged/used indicator.

But, Those old cell phone batteries are now real cheap. At the last fest
I went to the flip phone batteries (unused/new) were only $2.
I got two 6v and put them together for a 12v/1000mah pack... mounted in
a plastic box with a coax line/plug , it makes a rechargable supply for
my qrp rig.
I overnight charge them with a small wall-wart.

73
Tom aa2vk

Date: Thu, 8 Jul 1999 15:48:40 +0100
From: "Ted Williams" <tedw@btinternet.com>
To: "QRP-L" <qrp-l@lehigh.edu>, <rules@bellsouth.net>
Subject: [44596] Re: New 250 MW Rig On The Air
Message-ID: <007401bec953$5e3a4c20$bf3eac3e@btinternet>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Randy:

I guess that at 250 MW (250 megawatts) you will be a notable contributor to
global warming!

I don't think there should be any difficulty in hearing you as long as the
local power station can keep you supplied.

72 Ted, G0ULL

Date: Thu, 08 Jul 1999 11:31:49 -0400
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [44597] Re: Ft Tuthill QRP Symposium
Message-ID: <3784C465.6555@arrl.net>

Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

A bit of advance publicity for my friends on QRP-L: :-)

W1AW/7/QRP and the Tuna Tin 2

Every once in a while, W1AW is operated portable at ARRL conventions. This July 23-25, W1AW will appear at the ARRL Arizona State Convention at Ft Tuthill, Flagstaff, Arizona (see http://www.hamsrus.com/fttuthill.html), but with a new twist.

Ed Hare, W1RFI is attending the convention as the official ARRL HQ representative. Ed was especially pleased to have been invited because Ed is an avid QRPer and the annual Ft Tuthill event is also the site of a QRP symposium, hosted by the Arizona ScQRPions, an Arizona QRP club, held in conjunction with the convention. A few months ago, Ed, with the help of Bruce Muscolino, W6TOY, resurrected the original Tuna Tin 2, a famous Doug DeMaw QRP classic rig built and published in QST in the mid 1970s. (A nice write-up of the Tuna Tin 2 revival appeared in the ARRL Web Extra, June 15th edition. (See http://www.arrl.org/members-only/extra/archive/1999/0615.html.) When Ed told the local AZ QRPers that he was bringing the original Tuna Tin 2 with him, he asked if they could put up an antenna at the hamfest so a few of the attendees could have a chance to operate the Tuna Tin 2. Bob Hightower, KI7MN agreed to put up a 40 meter dipole and help Ed set up a QRP station at the AZ ScQRPions booth at the convention.

Ed then quietly asked the W1AW Chief Operator, Joe Carcia, NJ1Q, if it would be okay to operate W1AW/7/QRP from the QRP symposium at the ARRL AZ State Convention. An hour later, permission was arranged, and Ed finalized the arrangements. Look for the original Tuna Tin 2 rig as W1AW/7/QRP near 7040 kHz on July 23, 24 and 25, 1999. A QSL and a nice certificate are available for a 9X12" SASE (44 cents postage required) to all who work the Tuna Tin 2. QSL via ARRL HQ. You can also stop by the ScQRPions booth and operate the Tuna Tin 2 if you bring a copy of your license with you.

Ed will also be operating the Tuna Tin 2 from his hotel after the convention hours, or from various campsites in the Grand Canyon area from July 25 through July 28, so look for W1RFI/QRP near 7040 kHz during the evening hours. For W1RFI contacts, a QSL and certificate will be sent directly by W1RFI (Ed QSLs 100%!).

73,
Ed Hare, W1RFI

ARRL Lab

Date: Thu, 8 Jul 1999 08:51:16 -0700 (PDT)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [44598] Re: National Park Expedition Day
Message-ID: <19990708155116.28511.rocketmail@web103.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

So I guess the official name is going to be;

QRP To The Parks or QTTP? 8-)

Jeff
===
Jeff Jones
AB6MB
NorCal QRP Club #65, QRP-L #1780
CW Forever!!!
Ghost Hunter
Owner of the Delta MudCats fantasy baseball team
Voicemail/Fax 1-888-Excite2 ext 925-439-2514
_____
Do You Yahoo!?
Get your free @yahoo.com address at http://mail.yahoo.com

Date: Thu, 8 Jul 1999 11:58:57 -0400
From: "Richard Hensel" <rrhensel@sprintmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44599] RE: cell phones
Message-ID: <000601bec95a$c9389200$0317e590@nosrrhensel>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Usually this is just a manual indicator to let you know if
the battery has been recharged.
after charging the battery expose the dot,

when battery has been used cover the dot.

My Camcorder batteries have the same manual indicator

Richard Hensel
SPRINT
rrhensel@sprintmail.com
n8wlc@arrl.net

When you have a hammer in your hand ...
The whole world looks like a nail.

-----Original Message-----
SNIP...
this is where the switch is located...when I move the switch to theleft,
an orange dot appears...so the question is what is this switch for?...

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - Regina, Saskatchewan, Canada
Amateur Radio Stamp Collector "QRP! How sweet it is!"

Date: Thu, 8 Jul 1999 12:07:34 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: QRP List <qrp-l@lehigh.edu>
Subject: [44600] QRP-L CD v2.0 Ready to ship!
Message-ID: <Pine.OSF.3.95.990708101642.15544B-100000@saturn2.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

There's still time to get YOUR copy of the QRP-L Archive Version 2.0!

The Archive will be shipped direct to your door and hand delivered by a
uniformed representative of the USPS. YOUR custom-made, QRP-L CD is a
product of a degreed computer professional of outstanding moral fiber.

You will sleep easy, in the knowledge that no child labor, or off-shore,
CD-burning sweatshop was utilized in the manufacture of this fine product.

Look at all you get for a measely sawbuck...

THE QRP-L HTML ARCHIVES- 4,381 Files (376MB) of the QRP-L Archives from

the very first posting!

That's what you are REALLY paying for. Every post to QRP-L, in handy HTML format! Want to read about the FOX? How about 3,565 messages worth of them? AHHH... but wait, maybe you REALLY want to know something about the St. Louis Vertical? A quick look at "St." gave me 186 messages!

Hear me now and believe me later, you DO need this. Imagine saving the embarassment of asking (for the 1,300th time) what is a "49er?" Worth it's weight in GOLD, now, isn't it?

PLUS!!! THERE'S MORE!!!

K5FO - 948 Files (46MB) of Chuck's incredible photos
KB0HQU - 21 Files (256K) of everythink you need to know about the KnighSMiTe
NEC2 - 5 Files (1.2MB) NUMERICAL ELECTROMAGNETICS CODE Antenna Modeling
PCPGMS - 4 Files (1.3MB) Four DOS-Based programs
PCPGMS000 16 Files (1.3MB) QSL Card Maker
RUFZ - 1 File (200K) The RUFZ CW Trainer
SPICE - 280 Files (2MB) The SPICE Engineering Program w/ models
VE3DNL - 54 Files (500K) The Elmer101 Discussion of the SW40+ CW Transceiver

Send a Check or Money Order for $10 to:

Paul Valko - W8KC
3123 Cairncross Drive
Oakland, MI 48363-2705

If you happen to be a QRP-L member of good reputation (like moi), just drop me an email with your mailing address and I'll send one right out.

Otherwise, I'll ship one on receipt of your personal check or Money Order. Loose envelopes filled with cash will be used for beer and pizza.

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics
<http://www.acs.oakland.edu/~prvalko>

Date: Thu, 8 Jul 1999 09:13:07 -0700 (PDT)

From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [44601] Re: Remember a QRP Xmtr Using a VN10K Transistor???
Message-ID: <19990708161307.13731.rocketmail@web111.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Steven Weber <kd1jv@moose.ncia.net> wrote:

> Might it have been the "Cubic Incher"? Built in a
> Kodak 35 mm film
> box? Saw that in "QRP Power" the other day. It used
> a VN10K output.

That's the one!

I seem to remember that this crystal controlled
transmitter would resonant a little bit below the
crystals frequency.
Has anyone built this and confirm the above?

Jeff

===
Jeff Jones
AB6MB
NorCal QRP Club #65, QRP-L #1780
CW Forever!!!
Ghost Hunter
Owner of the Delta MudCats fantasy baseball team
Voicemail/Fax 1-888-Excite2 ext 925-439-2514
_____
Do You Yahoo!?
Get your free @yahoo.com address at http://mail.yahoo.com

Date: Thu, 8 Jul 1999 11:00:05 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <klusk@bhmvending.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44602] Re: need QRP tuner
Message-ID: <002201bec95d$43f6ecb0$7366d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

-----Original Message-----
From: Kyle Lusk <klusk@bhmvending.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Thursday, July 08, 1999 9:32 AM
Subject: need QRP tuner

Hello Kyle,

>Does anyone have a tuner they would like to sell?
>I am new at QRP. I have a radio, dipole antenna.
>Anxious to get on the air, and funds are low.

If funds are low, you might want to consider building an "L Network." Schematics are available in ARRL Handbook. A couple of good things about building it are:

1) You get the personal satisfaction of knowing that you created something.
2) Since you built it, you know how to fix it.
3) You'll learn some valuable theory along the way.
4) See 1, 2, and 3 :^)

With the proper scrounging, I'd step out on a limb and say that you could build an L Net for around $15.00 (gang?), and that price would be cut in half if you can find a local ham/hamfest that will sell you the tuning cap. We are talking QRP here, so the cap doesn't need to be all that huge and expensive.

0.9863013698630136986301369863013 = (72/73) :^),

Randy Jouett, AB5NI

Date: Thu, 8 Jul 1999 10:43:29 -0600 (MDT)
From: James P Rybak <jrybak@mesastate.edu>

To: qrp-l@lehigh.edu
Subject: [44603] Metal-cased 2N2222A's ???
Message-ID: <Pine.OSF.4.10.9907081041140.27194-100000@mesa7.mesa.colorado.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Are there any applications where it is not suitable to use a metal-cased 2N2222A in place of a plastic-cased 2N2222 ? I've got a bunch of the metal-cased ones but no plastic ones.

Thanks.

Jim W0KSD

Date: Thu, 08 Jul 1999 12:43:12 -0400
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [44604] Re: Ft Tuthill QRP Symposium
Message-ID: <3784D520.7632@arrl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ed Hare, W1RFI wrote:

> Every once in a while, W1AW is operated portable at ARRL conventions.
> This July 23-25, W1AW will appear at the ARRL Arizona State Convention
> at Ft Tuthill, Flagstaff, Arizona (see
> http://www.hamsrus.com/fttuthill.html), but with a <QRP> twist.

I have been trying not to overburden QRP-L with too many posts about the Tuna Tin 2, but this one appeared to be too good to resist. :-) Those who make it to Ft Tuthill should bring their licenses and their QRP rigs so they can operate and work W1AW/7/QRP! A simple short wire in the trees from the campground should work!

On a related note, I have been operating off and on from home. I am not going to have as rigid a schedule as I had a few weeks ago, but over the rest of the year will make an effort to be on operating the original Tuna Tin 2 every Tuesday and Thursday (that's TT) night from 8 - 10 PM or so local time. So far, I have worked about 200 stations, so I look forward to meeting more of you on the air!

73,
Ed Hare, W1RFI

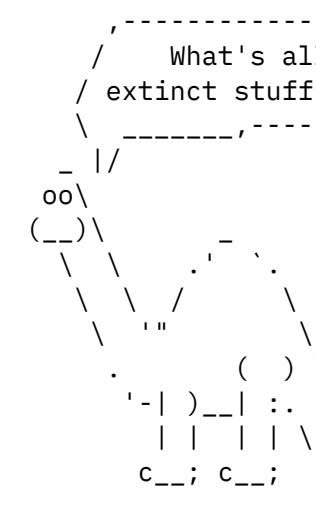
Date: Thu, 8 Jul 1999 09:55:04 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: James P Rybak <jrybak@mesastate.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44605] Re: Metal-cased 2N2222A's ???
Message-ID: <Pine.BSI.3.96.990708095318.20899A-100000@usr07.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 8 Jul 1999, James P Rybak wrote:

> Are there any applications where it is not suitable to use a metal-cased
> 2N2222A in place of a plastic-cased 2N2222 ? I've got a bunch of the
> metal-cased ones but no plastic ones.

I would only be hesitant to use the plastic ones in instances where temperature is a concern (device dissipation). Otherwise, I would use either interchangably.

Chris



Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com
http://www.primenet.com/~ctrask

Graphics by Loek Frederiks

Date: Thu, 8 Jul 1999 11:47:12 -0600
From: Brad Mugleston <bmug@gwl.com>
To: "'qrp-l'" <qrp-l@lehigh.edu>
Subject: [44606] Portable Mast
Message-ID: <01BEC937.A1917000.bmug@gwl.com>

I've been reading old (about two weeks) Digests and there was a lot of discussion on building a light weight portable mast. I thought I'd tell you about the one I built.

Go to your favorite hardware place (one of those LARGE got everything in the world places). Get a cart - try to find one with 4 wheels. Look around and find the pluming area - don't go there, go to the opposite end and start going up and down all the isles.

Pick up the following items:

4 - short (1/5 to 2 feet) lengths of rebar - light weight is fine
1 - roll of 1/8" nylon cord
1 - roll florescent flag
3 - eye bolts (about 3 inches long - can be real light weight)
6 - nuts to fit the eye bolts

Now head on over to the plumbing area. Pick up a thin section of PVC pipe. Hold it out horizontal then move it to vertical - did it bend in half - if yes then go to the next larger size. Keep doing this until they only have a slight bend to them during this process. Don't worry about the looks you will get - after all your a ham, you should be use to it by now. If someone asks tell them your putting in an over head sewer line at your house because your tired of digging up the old one when it gets clogged. This will be your top section. Now get the next larger size. the smaller one should fit snugly inside the larger. Now get one more section one size up. the first two should fit inside the third.

Go slowly to the checkout - try not to run into anyone with your tubing.

When you get home take the smaller two sections and drill a hole through them about 1 foot from one end. This hole should be just large enough to put one of the eye bolts through. On the smallest pipe drill another hole (same size) about 3 inches from the other end. Install the 3 eye bolts and use two nuts on each bolt (keeps them from coming off as easy). Have the eye bolt that is 3 inches from the end with the eye vertical the other two should be horizontal.

Now, with the pipes lying on the ground put the pipes together - with the 1 foot section going into the larger pipe. Get your nylon cord out and cut 3 lines going from each eye bolt to a place about 10 feet out from the base of the bottom (largest) pole (these will be your guy lines). Make them a few feet longer to make them easy to work with. Roll these up and attach (tie, tape what ever) these close to the eye bolt.

When you get to where you want to put up the pole drive one section of the rebar half way into the ground. Put your three sections together and run one end of your left over cord through the top eye and somehow attach it to the ground. Let the other end (with all the cord left on it) sit on the ground. Uncoil the guy lines (just let them lie next to the pole).

Go to the top of the pole and start walking it up towards vertical - it will sway but if you go slow (and if you can get some help with the guy lines) it will go up. Once vertical you can pick it up and place it over the rebar (it keeps the bottom in one place). Now you really need a second person. Have someone hold the mast vertical while you tie it in place - use the 3 rebars to tie it down. You'll find that you just want it snug - if you get it to tight you put a downward pull on the pipe and it will bend. Tie the cords at the 10 foot location first, then the 20 then the top. Play with it until it is mostly vertical.

Now attach your wire antenna to the line that runs from the ground up through the top eye and back down - this is your pulley. Carefully pull your wire up to the top. if it is an inverted V make sure the legs are where you want them and not tangled.

I hope this makes since. It's worked well for me (you may decided to only use the two larger sections - it's a lot more stable but 3 will work.

One last thing - during the summer PVC gets soft and will bend in the heat but it takes a day or so for it to change things too much.

de KI0OT, Brad

Date: Thu, 8 Jul 1999 13:58:20 -0400
From: "S. M. Whitehouse" <ke4yh@gte.net>
To: <fantbb@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44607] Re: Remember a QRP Xmtr Using a VN10K Transistor???
Message-ID: <009701bec96b$78e66000$642c6018@Stew.gte.net>

>
>I seem to remember that this crystal controlled
>transmitter would resonant a little bit below the
>crystals frequency.
>Has anyone built this and confirm the above?

Actually the twenty meter one that I built from a 624 kit resonants
a little high. About 14.062 Mhz verses 14.060 Mhz crystal frequency.
I used it in a homebrew sprint a couple of years ago and worked VE7,
W6, HP1 and W1 with 150mw to an R7 from Florida. That seemed to
cover all the corners!

One of these days I'll have to move it from its frozen lemonade can to
an Altoids tin.

72,
Stew KE4YH
Dunedin, Florida

Date: Thu, 8 Jul 1999 12:41:52 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <tedw@btinternet.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44608] Re: New 250 MW Rig On The Air
Message-ID: <004e01bec96b$32f12260$7366d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: Ted Williams <tedw@btinternet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Thursday, July 08, 1999 10:20 AM
Subject: Re: New 250 MW Rig On The Air

>Hi Randy:
>

>I guess that at 250 MW (250 megawatts) you will be a notable contributor to
>global warming!

LOL!! A couple of people e-mailed me about that typo, Ted. :^)
As far as global warming goes, I'm all for it. 365 days of Destin,
Florida beach-bumming is fine with me :^) :^). The only problem,
tho', is that Destin will prolly' be under water and they'll have to
move it a couple of hundred miles north. :^)

>I don't think there should be any difficulty in hearing you as long as the
>local power station can keep you supplied.

Heck -- if I can afford a 250 megawatt amplifier, why not just buy the
power company as well and make dog-on sure that I don't have any
problems :^).

I listen to channel 6 -- The Stupor Bowl -- on the citizens
band sometimes to see if 10 Mtrs is open. Some of these
guys can be entertaining at times, and it beats the heck
out of listening to a beacon to see if 10 is open. Every once
in a while, you'll hear one of these guys on there say "This
is the 'world wide' tower of power" and such. Running 250
megawatts, I think that I could re-define the term ::^) :^).

72/73,

Randy Jouett, AB5NI/QRM
250 MW and QRMing a freq near you!

Date: Thu, 8 Jul 1999 12:47:25 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <fantbb@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44609] Re: National Park Expedition Day
Message-ID: <004f01bec96b$36d58880$7366d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: Jeff <fantbb@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Thursday, July 08, 1999 10:55 AM
Subject: Re: National Park Expedition Day

>So I guess the official name is going to be;
>
>QRP To The Parks or QTTP? 8-)

Hmmmmm. How about "Park Your Butt." It goes along
with BUBBA AND FYBO :^).

Date: Thu, 8 Jul 1999 11:02:35 -0700
From: dave_epps@juno.com
To: qrp-l@lehigh.edu
Subject: [44610] QRP xcvr bal output
Message-ID: <19990708.110238.-248049.0.Dave_epps@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Someone asked about a qrp rig with a balanced output and I was too quick
with the delete key.
The K-2 with the auto ATU has a built in balun with terminal posts. check
 www.elecraft.com for more info.
              dave ab5pc morro bay, ca.

_____
Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: http://dl.www.juno.com/dynoget/tagj.

Date: Thu, 08 Jul 1999 14:12:13 -0400
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@lehigh.edu
Subject: [44611] question on hotmail..not qrp but help!
Message-ID: <3.0.5.32.19990708141213.007f6a40@mail.hq.nasa.gov>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

ok guys I'm trying to get off the work server and take my toys elsewhere.
I am using outlook express and setup an accoutn with hotmail.
I don't know how to move mail from there to the local machine as not to tie
up the phone line which might upset the xyl and that's not good, also want
to filter the mail into separate folders as I do in Eudora, and lastly
could I use Eudora if I wanted instead of outlook.
Please help anyone. Oh, and of course if there's a better free mail
service, let me know. beside Juno which seems to not work well with my setup.

tnx es 72 de Scott/n3byy

Date: Thu, 08 Jul 1999 13:19:59 -0500
From: Jay Bromley <w5jay@alltel.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44612] Re: PIC of Bencher Paddle
Message-ID: <3784EBCF.F0C631DF@alltel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Be sure to get on your white gloves and use your feather duster this
time, hihi. Sorry I couldn't resist.
73 de w5jay..

Chuck Adams K5FO wrote:
>
> But, today just after lunch TX time I'll have a
> new page of Mercury Paddle (S/N #300) pictures
> on the web page.

Date: Thu, 8 Jul 1999 11:26:14 -0700
From: Bob Nielsen <nielsen@primenet.com>
To: qrp-l@lehigh.edu
Subject: [44613] Re: FCC Fee
Message-ID: <19990708112613.C8748@bob>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Please note that the ULS has not yet been implemented for amateur radio.

Bob, W6SWE

On Sun, Jul 04, 1999 at 11:57:23AM -0600, William R. Colbert wrote:
> If you take CQ Magazine, you might want to read the W5YI column -
> Washington Readout
> which gives details on the new ULS system and the website that we
> are now supposed to
> be using: http://www.fcc.gov/wtb/uls   then click on the
> TIN/CALLSIGN REGISTRATION
> button. Then follow the instructions.
>
> At the present time there is no fee for amateur applications not
> associated with the
> taking of a test at a ve session.   Commercial licenses is various
> prices.
>
> Hope this helps.
> 73
> Ray
>
>
>
> --
>
> "Politicians are like nappies. Both should be
> changed regularly -- and for the same reason"
> "Scotsman - Scotsman's Diary 12/97"
> ---------------------
> Ray Colbert, W5XE, OOTC 3618, SOWP 1064M NCT2
> (also w5xe@juno.com   El Paso,(FAR WEST) TEXAS

--
Bob Nielsen   Internet: nielsen@primenet.com
Tucson, AZ   AMPRnet: w6swe@w6swe.ampr.org
DM42nh   http://www.primenet.com/~nielsen

Date: Thu, 8 Jul 1999 11:26:51 -0700
From: Brian Murrey <brian@iquest.net>
To: bmug@gwl.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44614] Re: Portable Mast
Message-ID: <99Jul8.113949pdt.17025@firewall.bellind.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Outstanding! Now I don't have to paint my house this weekend, I can
make this mast instead! Won't the XYL be thrilled! It'll even fit in
my van so I can take it camping with me. Groovy.

I LOVE THIS LIST.

Brad Mugleston wrote:
>
> I've been reading old (about two weeks) Digests and there was a lot of
> discussion on building a light weight portable mast. I thought I'd tell you
> about the one I built.
>
> Go to your favorite hardware place (one of those LARGE got everything in the
> world places). Get a cart - try to find one with 4 wheels. Look around and
> find the pluming area - don't go there, go to the opposite end and start going
> up and down all the isles.
>
> Pick up the following items:
>
> 4 - short (1/5 to 2 feet) lengths of rebar - light weight is fine
> 1 - roll of 1/8" nylon cord
> 1 - roll florescent flag
> 3 - eye bolts (about 3 inches long - can be real light weight)
> 6 - nuts to fit the eye bolts
>

--
==
       KB9BVN :NORCAL #2792 FISTS #5695 QRP-L #1540
        39.558 N   86.095 W   Johnson Co., Indiana
     GRID: EM69WN - NORCAL 40A - Attic Dipole - 1.5w
 Proud to be a member of the American Radio Relay League
==

Date: Thu, 8 Jul 1999 14:32:53 -0400
From: "Richard Brummer" <obvious@bestweb.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44615] Re: National Park Expedition Day
Message-ID: <006701bec970$4e464220$6805b3d8@default>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>QRP To The Parks or QTTP?

>How about "Park Your Butt."

You guys are too much !

Considering that the event will be in August, maybe it should be subtitled
"Sweat Your Butt Off" (SYBO).

72,
Dick K2REB

Date: Thu, 08 Jul 1999 18:32:02 +0000
From: Brian Short <bshort@speedchoice.com>
To: qrp-l@lehigh.edu
Subject: [44616] Speaking of Ft Tuthill...
Message-ID: <4.1.19990708182153.0217fa50@mail.phoenix.speedchoice.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

As soon as I get it together around here, I will be
packing the kid, 2 dogs, the Sierra, etc and pulling
out for the Flagstaff area with our 1968 15' camp
trailer...

I will be leaving the trailer in the Flagstaff area until
after the infamous hamfest. (Probably at Mormon Lake)

I will try to get out of town before tonite's Monsoon
Storm (hopefully).

Anyway, I will have the Sierra with 20m and 40m modules
and a 20m dipole. If 20 is poor, I may attach a bit more
wire and get on 40...

I hope to work somebody, at least, as K7ON/7 in the
cool country real soon.

Watch around 14.065 or so (plus or minus).

Thanks for your indulgence and perhaps I will see you at
the hamfest in a couple weeks, though I'll probably not have
sufficient time to attend many of the QRP seminarys.

73, Brian

--
Brian K. Short http://www.qex.net/k7on/ mailto:k7on@arrl.net
--

Date: Thu, 08 Jul 1999 13:59:17 -0500
From: Jeff Gold <JGold@tntech.edu>
To: QRP-L #98 <qrp-l@lehigh.edu>
Subject: [44617] RealPort CardBus-Ethernet/Modem
Message-ID: <02b301bec973$fac83780$4d0b9595@cc.tntech.edu>
MIME-version: 1.0
Content-type: text/plain;   charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

I have a brand spanking new Xircom RealPort Cardbus Ethernet 10/100, 56K modem. Discounts for about $250, would like to trade for unbuilt QRP kit or something else interesting (can be of lesser value with no additional cash difference)

72
Jeff, AC4HF

____
Jeff M. Gold, Manager
Academic Computing Support
Tennessee Technological University
Information Technology Services
____

Date: Thu, 8 Jul 1999 14:02:55 -0600
From: Brad Mugleston <bmug@gwl.com>
To: "'brian@iquest.net'" <brian@iquest.net>, "bmug@gwl.com" <bmug@gwl.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [44618] RE: Portable Mast
Message-ID: <01BEC94A.9681BB80.bmug@gwl.com>

Now why did you have to mention painting your house this weekend - I hate it when I'm reminded of things I should do before I planned something else to do.

If you take it in the van make sure it's supported it's full length. Like I said, heat will bend it and when it cools it will stay bent. I lost about 1/3 of my length having to cut the bent part off one time (all 3 parts were nested

in each other so all 3 bent).

Brad

-----Original Message-----
From: Brian Murrey [SMTP:brian@iquest.net]
Sent: Thursday, July 08, 1999 12:27 PM
To: bmug@gwl.com
Cc: Low Power Amateur Radio Discussion
Subject: Re: Portable Mast

Outstanding! Now I don't have to paint my house this weekend, I can make this mast instead! Won't the XYL be thrilled! It'll even fit in my van so I can take it camping with me. Groovy.

I LOVE THIS LIST.

Date: Thu, 8 Jul 1999 15:41:08 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44619] Virtual Ham Radio
Message-ID: <000901bec982$5e671d20$3c66d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well, I was doing a couple of hmmmm's this afternoon, and I came up with the idea of creating a virtual-ham-radio environment on the web. Basically, it would be a server-client setup with band, mode, and power-output selection, directed toward individuals who were looking into getting a ham ticket.

Basically, after you'd logged on to the server via the client software and selected your band, mode, and power output, you would be presented with a VFO, volume level, and all the other controls on a standard ham rig. The user could tune are and listen for other signals, send CQ (via space bar or "mouse keyer :^)", or listen to the virtual W1AW :^).

Propagation algorithms, along with web-site propagation polling, could be used to let the user "hear" what a band

sounded like. Sound-card output would include static, fading , interference, and the other stuff that we have to listen to while on the air.

Virtual callsigns and privileges could also be assigned to each user. VRS5NI/QRP (V R S = Virtual Radio Station) might be cool :^). Virtual Novice, Virtual Tech, Virtual Advance, and Virtual Extra licenses could be issued. Each virtual license would have its limitations, of course. Virtual license exams would have to be passed -- and this license could be very close to an amateur exam! -- so that users could operate different modes and frequencies, just like real amateur radio.

A virtual SPICE program could be created that would allow the operators to test their virtual rigs "on the air." :^) A virtual spectrum analyzer would rock! :^).

Anywho, I think that a virtual radio service -- are you as tired of reading virtual as I am of typing it? :^) -- would be a good introduction to people that are interested in ham radio. Propagation studies could be performed (with real-world frequency sampling and database storage on the server, of course), amateur exams might even become fun, and SPICE circuits could be played around with in a real-time environment without ever really getting on the air :^).

So, fellow QRPers and radio freaks -- whatcha' think? Is this idea worth playing with, or have I drank too much cappuccino again? :^)

72/73,

Randy Jouett, AB5NI

P.S.

Hmmmm. I wonder if you could design a virtual rig and sell it the users? :^) :^)

Date: Thu, 8 Jul 1999 13:59:02 -0400
From: Nils R Young <nilsbull@juno.com>
To: QRP-L@lehigh.edu

Subject: [44620] QRP ARCI contest rules question
Message-ID: <19990708.140118.13734.0.nilsbull@juno.com>

Gang,

What's an SPC? I noticed in the destructions for the QRP ARCI shindig
that's supposed to happen on Sunday, while I will be at the beach & thus
unlikely to completely participate, that the exchange includes

"RST, SPC . . . "

What's an SPC? Special Plastic Card? Super Power Code? Senior Phogghi
Category? Something People Confuse?

Let me know before I go so that once I'm there I'll be on the air.

73
Nils

Nils R. Bull Young :: La Estancia de los Guajolotes Sonrientes
WB8IJN &c :: The Tagalong Press :: email to nilsbull@juno.com
"In my day we had to FIGHT to have email! Every day was a struggle!"
                                -- Comrade Sergei Nikolaievich
McTovarishov

_____
Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: http://dl.www.juno.com/dynoget/tagj.

Date: Thu, 08 Jul 1999 12:54:12 -0700
From: E L D <wd7y@pyramid.net>
To: qrp-l@lehigh.edu
Subject: [44621] Question
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

I am looking for a web site to list some things to sell.
can anyone give me some info
thanks Ed

Date: Thu, 08 Jul 1999 17:08:34 EDT

From: ka7you@juno.com
To: QRP-L@LeHigh.EDU
Subject: [44622] Thanks for error correction
Message-ID: <19990708.132806.18247.1.ka7you@juno.com>

Thanks to all who responded with help, when I erroneously sent my 'resume' request to the list.

I'm back on again with not one nasty comment from list subscribers.

I was in Texas for two weeks; first in the San Antonio area, and then east to Corpus Christi, Houston and back through Austin to San Antonio.

I didn't take any radio stuff with me, and would not have had time to use it with the schedule which was run by my wife and her 'host' sister.

The weather was hot for me--90's and into the 100's a couple of times, and the humidity was matching!

I've forgotten how spoiled I am, to live in the cool green Northwest, where there are tall trees. It seemed that a forty foot tree was a bit rare in most of the places we travelled to. Many times the power and telephone poles were taller than the native trees. Around here, forty feet is only a small part way up most trees, so getting an antenna wire up 60 to 70 feet is usually no major problem.

Our relatives live on a two acre parcel of natural growth, in the "Hill Country" north of San Antonio and the second story bedroom window overlooks almost all the trees around the neighborhood, and across the valley to the north and east.

But the thing that made me jealous though, was that at 30 or 40 feet, the visual horizon was usually pretty far off. I guess it all averages out! I guess that is my VHF side talking.

7 3,

Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.
160M thru 1296 MHz-higher bands pending
ARCI-QRP #7251 QRP-L #844 NWQRP #120 NorCal #2007 and others

_____
Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: http://dl.www.juno.com/dynoget/tagj.

Date: Thu, 8 Jul 1999 15:20:06 -0600
From: Rod Cerkoney <rwc@frii.com>
To: nilsbull@juno.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44623] Re: QRP ARCI contest rules question
Message-ID: <19990708152006.48859@frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Nils, et. al.

On Thu, Jul 08, 1999 at 01:59:02PM -0400, Nils R Young wrote:
> Gang,
>
> What's an SPC? I noticed in the destructions for the QRP ARCI shindig

SPC = STATE/PROVINCE/COUNTRY

--
72/3 N0RC
Rod Cerkoney
Fort Collins, CO
QRP-L #1764, NorCal, QRP ARCI, CQC & FISTS
da di dah

Date: Thu, 8 Jul 1999 14:47:17 -0700 (PDT)
From: Tom Popovic <ki3r@yahoo.com>
To: dpayton@fwi.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44624] Re: Utilizing cheap RS radios?
Message-ID: <19990708214717.12697.rocketmail@web219.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Dennis Payton <dpayton@fwi.com> wrote:
> Although I don't have the ability, it seems to me
> that someone could come
> up with a handy & economical project or two using
> those cheap Radio Shack
> radios. Right now they have an AM/FM radio (#12-974)
> on sale for eight
> bucks. The battery compartment is designed for two
> AA's but I think it could
> also hold a nine volt battery with a little effort.
> Then inside, it contains
> a poly film tuning capacitor, a pot with switch, a
> slide switch, a speaker,
> a 1/8" mono plug, a telescoping antenna, and several
> capacitors (including
> NPO's).
>
> Couldn't one be used as the starting point for

> designing a little xcvr? Or a
> keying monitor? How about an "audible" FS meter?
>
> Denny Payton, N9JXY
> Auburn, IN
>
>
It seems I remember a constuction project in 73 magazine a number of
years ago where the author modified the AM rx to a hamband rx. I don't
have
the information ...maybe someone knows. God Bless
73 Tom KI3R
===
The common good was the claim and justification of every
tyranny ever established over men. Every major horror of
history was committed in the name of altruistic motive...
Actors change, but the course of the tragedy remains the
same.   Ayn Rand 1943
_____
Do You Yahoo!?
Get your free @yahoo.com address at http://mail.yahoo.com

Date: Thu, 8 Jul 1999 17:49:31 -0400
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [44625] W/R Antenna 2-wire beam tilt resolved
Message-ID: <19990708.175045.-297349.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

high gang:
     well I took my own advice when I finally got tired of my two element
yagi tilting up from the weight of the coax...
     I put a 14ft wooden dowel acorss the center of the ant...taped one end
directly over the center insulator of the driver and taped the other end
directly over the center of the director... then taped the coax along the
dowel just about a foot past the center, on the director side (to
compensate for the weight of the coax on the driver....)
     well we had one wolly bugger of a storm here (60+ mph winds) trees were
down but my ant was straight and level and quite happy... one end is
about 60ft high with the other end about 50ft or maybe a bit less high...
works fine... great swr match...
     I cut it for 7.050 and it's flat from about 7.150 to the bottom of the

band and less than 1.5 to one at 7.233.5 (century club net freq) Oh... there are many stations checking in at qrp levels now... since I kept making quality contacts at 5 then 1 then 1/2 and even 1/4 watt ssb... anyhow, I would like to ;think that I had some influence in this....
    I think people started realizing that it's possible to have a quality signal most of the time, with a quality antenna... be that a dipole high up and in the clear or a vertical witha good gnd system or more elaborate antennas...
    Iffin u have room for a dipole why not get an extra 3 to 5db with a couple dowels and and extra element... even iffin u have to droop the elements over at the ends... they work.... sure helps on the receive side when the other guy is running .00001watts and an underground ant...
Joel KE1LA
In Maine

_____
Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: http://dl.www.juno.com/dynoget/tagj.

Date: Fri, 09 Jul 1999 08:10:13 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44626] Utilizing cheap RS radios?
Message-ID: <378521C5.DDD9962A@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

Denny wrote on this and Tom also responded. If my recollection is correct Harry SM0VPO in Sweden has a number of such projects based on cheap radios. They include BFO and a few autodyne converters I think.

http://sm0vpo.8m.com

73's

Ian Purdie
VK2TIP "I'll give you the TIP mate"
Budgewoi N.S.W. Australia
Tel: 0011 + 61 + 2 + 4399 3228 (2200 - 0800 U.T.C.)
QRP-L member #1978.
URL - http://www.integritynet.com.au/~purdic

URL - http://www.qsl.net/vk2tip/
"By definition, a government has no conscience. Sometimes it has a policy, but nothing more". - Albert Camus

---

Date: Thu, 08 Jul 1999 18:15:41 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-l@Lehigh.EDU>
Subject: [44627] SPC
Message-ID: <3.0.32.19990708181536.006fa4e0@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Nils,
It's "Special Person Code"....usually a bar code tattooded on your right cheek(either end).
Seriously tho I guess it means location but what the initials stand for is beyond me.
Using initials for whatever is risky these days...try the Ford EEC-4 engine control system manuals....AARRGGHH!!!
73 Pete NV4V

Date: Wed, 8 Jul 1999 17:24:56 -0400
From: "Stephen D. Cohen" <scohen@xps.xybion.com>
To: qrp-l@lehigh.edu, mikemo@ibm.net, Henry Freedenberg <henryf@quartz.gly.fsu.edu>, "The one and only!" <mitch96@pobox.com>,
     "S. M. Whitehouse" <ke4yh@email.msn.com>, "Jeffrey L. L. Greer" <wd4et@juno.com>, Fred J Kalt <w2xn@juno.com>, "William Penhallegon" <w4stx@gte.net>,
Subject: [44628] WestFLA Meeting This Saturday - More Details
Message-ID: <199907082215.SAA68186@nss4.cc.lehigh.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Ladies and Gentlemen,

     As Mike indicated yesterday, the first meeting of the Western Florida QRP Club (WestFLA) is scheduled for this Saturday morning (July 10th) at 10AM. The meeting will run until folks have had enough.

     Due to some hard work on the part of George Goodroe and Mike

Maiorana, and the generosity of the Tampa Amateur Radio Club (TARC) we will be holding the meeting at the TARC clubhouse. I was out of town this past weekend and was delighted to find that these guys had scored such a prime spot for the meeting.

The TARC clubhouse has a crank-up tower and all the trees we might wish to use for operation. They also have a GAP Titan vertical that will be at our disposal. The clubhouse has seating for 60 and plenty of table space. For those that might be concerned, I am assured that the air conditioning is in good working order.

The WestFLA meetings will be run using the NorCal model, to whit, no new business, no old business, no business at all! It will simply be a meeting of like minded people to discuss QRP, homebrewing, kit building and the sort. As such, it is vitally important that people have things to discuss. Please bring a current project, special rig, piece of test equipment or some such to demonstrate and describe to your fellow ham. I am going to bring my K2 (SN: 069) for one and all to operate.

In addition to my K2, I know that Mike is planning to bring the original Elmer101 SW-40+ as well as a Desert Ratt regen built with "Manhattan style" construction. Others are planning to bring test equipment to help folks with problems with their projects. Still other attendees are planning to bring a collection of keys, a home-brew small magnetic loop antenna and home-brew solar panels. An interesting list of items for examination, that you can make even more interesting by bringing along your projects.

In addition to the fun and excitement of meeting your fellow western Florida QRPers and gawking at or showing off a project, there will also be an assortment of door prizes. The list is not yet final, but we will have as a minimum the following items:

An St. Louis QRP Society LM-380 Audio Amp Kit
A grab bag of parts (2N2/40 Parts? Desert Ratt parts?)
Anything Cluttering *YOUR* shack that you want to donate

I will also bring along the WestFLA reference library, consisting of most of the QRP-ARCI QRP Quarterly magazines since 1995. These were generously donated to the club by the QRP-ARCI. We look forward to building the library in the future with other such generous donations.

Coffee and donuts will also be served for those who are interested in such things.

"So, Steve", you say, "Enough of the shuck and jive... Where is the place?". An excellent question. The TARC clubhouse is located in Tampa Florida. The directions to the clubhouse are:

Take I-275 North or South to the Sligh Exit. Once on Sligh, go east to 22nd Street. Turn left on 22nd Street and go the the very end. Once you are at the end of the street, the clubhouse is on your right next to the ball field. It will be obvious from the tower and antennas.

From north of Tampa, take route 75 south to 275 then follow the above directions.

From south of Tampa, take route 75 north until you get to route 4 west which runs into route 275. You have a choice at 275, and you want to go north on 275 from route 4 and follow the above directions.

From the east, take route 4 west until you run into 275 then take 275 north from there and follow the above directions.

There will be a talk-in on the 147.105(+) N4TP repeater. Just give us a holler if you get lost.

These directions are also available on the TARC web page at
http://www.qsl.net/w4dug/way.htm
which is (or will soon be) also linked from the WestFLA web page at
http://www.qsl.net/westfla.

Questions can be forwarded to westfla@qsl.net.

I can hardly wait for the meeting, I feel like a kid who is going to the candy store on Saturday. I hope many of you feel the same way and will come out for the meeting. Only 41 more hours...

73,

Steve, N3OIE

Date: Thu, 08 Jul 1999 18:48:15 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-l@Lehigh.EDU>
Subject: [44629] Re: Utilizing cheap RS radios?
Message-ID: <3.0.32.19990708184812.006f8b38@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Ian et al,
The #12-615 AM-FM plus AM aircraft receiver is good for sniffing out QRN. (about $25). I bought one today.
The local powerline trash has been absent lately with 90++ temps but all the electric heaters crank up about foxhunt time so will be ready. Somewhere I have a QST article about coupling to and shielding the little critter and suggestions for a small handheld

Yagi. Powerline noise is a horrible plague and a direction finding
device will be a big asset.
Anyone who can point me to the right issue of QST will save me some
time searching to complete this project.
72/3/88 to all Pete NV4V # something or other

Date: Fri, 09 Jul 1999 08:47:05 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44630] Virtual Ham Radio
Message-ID: <37852A69.7F94BD1E@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Randy Jouett wrote:

> Well, I was doing a couple of hmmmm's this afternoon,
> and I came up with the idea of creating a virtual-ham-
> radio environment on the web.

Gee Randy, I thot I was headed in thata direction. Trying to steal my
thunder son?.

Ian Purdie
VK2TIP "I'll give you the TIP mate"
Budgewoi N.S.W. Australia
Tel: 0011 + 61 + 2 + 4399 3228 (2200 - 0800 U.T.C.)
QRP-L member #1978.
URL - http://www.integritynet.com.au/~purdic
URL - http://www.qsl.net/vk2tip/
"By definition, a government has no conscience. Sometimes it has a
policy, but nothing more". - Albert Camus

Date: Thu, 8 Jul 1999 18:48:14 -0400
From: "Ed Tanton" <n4xy@att.net>
To: "Antennas Reflector" <antennas@qth.net>
Cc: "Stephane Collas F5NZY" <scollas@club-internet.fr>, "QRP-L Reflector" <qrp-
l@Lehigh.EDU>
Subject: [44631] Info needed on Dressler ara900 Active Antenna
Message-ID: <NBBBJDEEIFDDANGEGHLBAELMGDAA.n4xy@att.net>

MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Greetings All... I recently obtained a Dressler ara900 Active
Antenna-unfortunately without PS or papers. I need to know the various
operating parameters: freq range; gain; voltage & current requirements; and
some idea of the coaxial DC-isolation circuit component parameters used by
Dressler (there is no power connector, and so I presume it passes the DC
through the coax.) ANY help will be appreciated. Thanks.

72 / 73 Ed   N4XY   Elecraft K2 sn: 000057
____
Ed Tanton   N4XY   EMAIL: n4xy@arrl.net
189 Pioneer Trail
Marietta, GA 30068-3466   TEL: (770) 971-0436
____
INTERESTS: *CW (99.5%)   *QRP (QRP-L# 758)
*BoatAnchors   *Test Equipment   *Photography
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
"Begin at the beginning... and go on until you come
 to the end: then stop."

The White Rabbit, from "Alice In Wonderland"
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

Date: Fri, 09 Jul 1999 08:50:25 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44632] NOT QRP
Message-ID: <37852B31.5DA6E0A0@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Solly for this but I had to share

Net Dummy wrote:

> 1- NETDUMMY HUMOR
>
> If Microsoft Built Cars...

>
> - Every time they repainted the lines on the road you would have to
>   buy a new car.
>
> - Occasionally your car would die on the freeway for no reason, and
>   you would just accept this, restart and drive on.
>
> - Occasionally, executing a maneuver would cause your car to stop and
>   fail and you would have to re-install the engine. For some strange
>   reason, you would accept this too.
>
> - The airbag system would say "are you sure?" before going off.
>
> - If you were involved in a crash, you would have no idea what
>   happened.
> --

73's

Ian Purdie
VK2TIP "I'll give you the TIP mate"
Budgewoi N.S.W. Australia
Tel: 0011 + 61 + 2 + 4399 3228 (2200 - 0800 U.T.C.)
QRP-L member #1978.
URL - http://www.integritynet.com.au/~purdic
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"By definition, a government has no conscience. Sometimes it has a
policy, but nothing more". - Albert Camus

End of QRP-L Digest 1512
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